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PART III—SECTION 8

Notifications relating to Minor Administrations

GOVERNMENT OF KUTCH

NOTIFICATION

Bhuj, the 14th December 1954

No. S-133/54—The Comptroller, Saurashtra having certified title to his leave, the Chief Commissioner for Kutch is pleased to grant Shri D. P. Mainthia, Assistant Engineer, Roads and Buildings Division, Kutch Public Works Department, earned leave for nineteen days with effect from 13th December 1954 to 31st December 1954 (both days inclusive) with permission to prefix Sunday, the 12th December 1954 and suffix Saturday the 1st January 1955 and Sunday the 2nd January 1955 to it.

 On return from leave Shri Mainthia will be reposted as Assistant Engineer, Roads and Buildings Division, Kutch Public Works Department, Bhuj.

> By order S. B. PATIL

Secretary to the Chief Commissioner for Kutch

GOVERNMENT OF AJMER Confidential Department (Food and Civil Supplies Branch)

NOTIFICATIONS

Ajmer, the 14th December 1954

No. FCS-3/7/54-Confi—In pursuance of clause 8 of the Food Grains (Licencing and Procurement) Order, 1952, read with the Government of India, late Department of Food, Notification No. PY-603(2)-1, dated the 21st October 1946 and in supersession of para 5 of the Government of Ajmer, Food and Civil Supplies Department Order No. FCS-3/24/53-C-Confi.(2), dated the 29th April 1953, the Chief Commissioner, Ajmer hereby direct that the fees specified in column 2 of the table below shall be levied in respect of the licences issued under the Foodgrains (Licencing and Procurement) Order, 1952, specified in the corresponding entries in column 1 of the table.

(1) (2)
Licences
(a) For issue of a wholesale or retail foodgrain licence ... Rs. 2/-/-

(b) For renewal of a wholesale or retail foodgrain licence

Re. 1/-/-

By order

A. SEN Chief Secretary

Revenue Department

Ajmer, the 14th December 1954

No. 11/42/54-Rev—In continuation of Government of Ajmer, Development, Department Notification No. A(2)/49/54-Dev., dated the 25th May 1954, the Chief Commissioner, Ajmer is pleased to declare under sub-section (1) of section 6 of the Land Acquisition Act, 1894 (I of 1894) that he is satisfied that the land mentioned in the Schedule is needed for a public purpose and, under section 7 of the said Act, to direct the Collector, as appointed under section 3(C) of the said Act, to take order for the acquisition of the said land:

Schedule

| District | | Pargana | , | Mauza | Approximate area and boundary | | For what purpose | |
|---|----|---|----|--|-------------------------------|--|---|--------------------------|
| Ajmer | ** | Ajmer | ** | Tabiji | | Khata No. 848 | Khasra Nos. 102, 104, 105, 146, 147, 148, 152, 156, 158, 159, 160, 166 measuring 26 Bighas 18 Biswas 12 Biswansi. | |
| Ajmer Ajmer Ajmer Ajmer Ajmer Ajmer Ajmer | | Ajmer Ajmer Ajmer Ajmer Ajmer | | Tabiji Tabiji Tabiji Tabiji Tabiji Tabiji | | Khata No. 159 Khata No. 155 Khata No. 157 Khata No. 147 | Khasra No. 154 measuring I Bigha 15 Biswas Khasra No. 155 measuring 2 Bighas 10 Biswas Khasra No. 97, 98, 99, 100, 108, 108, 109 measuring 25 Bighas, Khasra Nos. 105, 149 measuring I Bigha 19 Biswas 10 Biswassi. Khasra No. 150 measuring 18 Biswas 10 Biswassi. Khasra No. 151 measuring 18 Biswas 10 Biswassi. | For Agricultural purpose |

By order
S. A. RAUF
Deputy Secretary

Development Department

Ajmer, the 30th November 1954

No. D(4)/2/54-Dev—In exercise of the powers conferred by section 35 of the Punjab Weights and Measures Act 1941, as extended to the State of Ajmer vide Central Government Notification No. 8/9/49-Judl., dated 2/3rd August 1950, the Chief Commissioner, Ajmer is pleased to make the following Rules:—

THE AJMER STATE WEIGHTS AND MEASURES RULES, 1964

1. These Rules may be called the Ajmer Weights and Measures Rules, 1954. They shall come into force at once.

Definitions

- 2. In these Rules, the following expressions have the meanings hereby respectively assigned to them, that is to say,
 - (a) "The Act" means the Punjab Weights and Measures Act, 1941 as extended to the State of Ajmer;
 - (b) "Officer I/C Marketing" means the officer appointed for the time being by the Chief Commissioner to be the Officer I/C, Marketing;
 - (c) "Inspector" means an Inspector appointed by the Chief Commissioner under section 15, and includes the Asstt. Marketing Officer and Inspection of Weights and Measures;
 - (d) "Section" means a section of the Act;
- (e) "Table" means a table appended to these Rules.

Places for the custody of primary standards of Weights and Measures

- 3. Primary standards of weights and measures shall be kept in the City of Ajmer at such place, and in such manner as the Officer I/C Marketing may specify.
- Composition. Weight, Length, Form and specification of secondary standards and the manner in which they shall be made
- 4. (1) All secondary standards, except the yard, shall be cylinderical in shape.
- (2) All secondary standards shall be cast of Admiralty Bronze 88 per cent, copper, 10 per cent, tin and 2 per cent, zinc. Loop handles shall be provided for 4th maund, 2 maund, 14 lbs., 28 lbs. and 56 lbs. weights. Other weights shall have knob handles.
- (3) The yard measure shall be in the shape of a round tubular brass bar made with Micrometer Head for the purpose of accurate checking.
- (4) The larger secondary standard weights shall be fitted with screw adjustment plugs containing two holes to take a suitable spanner, and the smaller secondary weights shall have screw plugs to take a screw driver. For the purposes of these Rules the Officer I/C Marketing shall determine which secondary standard weights shall be classified as larger or smaller.

Places for the custody of secondary standards

- 5. Secondary standards of weights and measures shall be kept by the Inspector of the area concerned, or such other authorities and in such manner as the Officer I/C Marketing may determine in this behalf.
- Procedure for the verification and reverification, adjustment or renewal and marking of primary and secondary standards
- 6. Every primary standard of weights shall be verified in accordance with the rules framed by the Central Government under clause (c) of sub-section (2) of section 5 of the Standard of Weight Act 1939.
- 7. Every primary standard of measure shall be verified once at least in every five years against the irridioplatinum standards in the custody of the Mint Master. The Mint Master shall after each verification issue a certified list of errors which shall be used when verifying secondary standards.
- 8. All secondary standards shall be returned for reverification to the Asstt. Marketing Officer at least once in every five years. Secondary standards received for this purpose shall be verified by the Asstt. Marketing Officer and, if found correct, they shall be stamped with the date of verification. If the secondary standards on verification are found to be incorrect, they shall be adjusted and reverified and if found correct they shall be stamped accordingly.
- The composition, form, weight, length and specifications of working standards; the manner in which such standards shall be provided, the agency by whom and

- the manner in which they shall be stamped, and the places at, and the custody and manner in, which they shall be kept and used
- 9, All working standard weights shall be in a truncated cone; form. The larger working standard weights shall be litted with screw adjustment plugs containing two holes to take suitable spanner and the smaller ones to take a screw driver, so that as the weight becomes light in use adjustment may be made. Such working standard weights shall be cast of Admiralty Bronze 88 per cent. copper, 10 per cent. tin and 2 per cent. Zinc or an alloy consisting of 80 per cent. copper, 19.5 per cent. Zinc and 0.5 per cent. phosphorous. Loop handles shall be provided for the 1/4th maund, 1 maund, 14 lbs., 28 lbs. and 56 lbs. weights. Other weights shall have knob handles shall determine which working standard weight shall be classified as larger or smaller.
- 10. All working standard measures shall be of stout sheet of copper suitably reinforced and their shape shall be cylindrical for dry and conical for liquid measures while the yard measures shall be in the shape of solid round brass bar.
- 11. All working standards shall be kept in the custody of the Inspector of the area concerned, and shall be maintained by him in good clean working condition and kept in safe custody so that their accuracy cannot be tampered with.
- 12. (1) Working standards shall be provided only by such person or persons as may be authorised by the Officer I/C Marketing so to do;
- (2) No working standard shall be issued without being checked and stamped with a stamp in the office of the Asstt. Marketing Officer.
- 13. An inspector shall very the weights and measures in use by the public against working standards.
- The procedure for the verification or reverification and marking of working standards and the person by whom and the place where they shall be verified, reverified or marked, and the period during which the verification or reverification shall take place.
- 14. All working standards shall be verified and marked against secondary standards by an Inspector at least once in six months and if found correct they shall be stamped with the date of verification.
- The number of weighing and measuring instruments to be kept and necessary particulars regarding the same
- 15. Every person authorised or required to keep working standards shall keep set of the following weighing instruments that is to say:—
 - (a) One balance capable of weighing upto one maund;
 - (b) One balance capable of weighing upto 1 cwt.:
 - (c) One balance capable of weighing upto 300 tolas;
 - (d) One balance capable of weighing upto 5 tolas; &
 - (e) One pair of portable scale for weighing 1 cwt. downward complete with case.
- 16. The make and the type of every weighing instrument specified in rule 15 shall be subject to the approval of the Officer I/C Marketing.
- The authority by whom certified scales shall be provided for the purposes of this Act and the Rules made thereunder and the manner in which they shall be verified or reverified
- 17. All weighing instruments in the custody of an Inspector shall be verified at least once in twelve months by the Asstt. Marketing Officer and if found correct shall be stamped in token of verification.

The composition weight length; form, specifications and manufacture of weights and measures in use in any area

Weights

18. Every weight other than the weight of 4 tola or its equivalent in other denominations and under, measures, weighing or measuring instruments manufactured after these Rules come into force shall have the maker's name clearly and indelibly marked on it:

Provided that the Officer I/C Marketing may allow a provided that the officer trade mark or menogram.

Provided that the Officer I/C Marketing may allow a manufacturer to substitute his trade mark or monogram of an approved size and registered in the office of the Officer I/C Marketing, to be substituted for his name.

- 19. Maker's name appearing on a weight or measure or weighing or measuring instrument after these Rules come into force shall be in letters not exceeding half the size of the letters indicating the denominations.
- 20. No person shall manufacture any weight, measure or weighing or measuring instrument without getting his name registered in the office of the Officer I/C Marketing.

- 21. A person wishing to get himself registered as a manufacturer of weights, measures or weighing or measuring instruments shall apply to the Officer I/C Marketing in form A.
- 22. The Officer I/C Marketing shall, on assuring himself that the applicant is a competent manufacturer, and possesses a regular workshop and tools register his name and address in his office and issue a certificate in form B. Such registered manufacturer shall forthwith inform the Officer I/C Marketing of any change in the address so registered.
- 23. The Officer 1/C Marketing may refuse, suspend or cancel the registration of any manufacturer, on the ground of want of proper and adequate workshop facilities or staff, or incompetency, or failure to observe any of the provisions of the Act or these Rules, or the conditions of registration.
- 24. The Officer I/C Marketing shall maintain a register in form C giving the names and other particulars about each registered manufacturer.
- 25. (1) An appeal against an order cancelling a certificate shall lie to the District Magistrate, Ajmer.
- (2) An appeal under sub-rule (1) shall be preferred by means of a memorandum setting forth the grounds of appeal.
- 26. (1) Weights shall be made entirely of some metal other than lead, but lead may be inserted for purposes of adjustment. Weights made of soft metals or soft alloys, e.g., tin or solder, shall not be stamped or used. Weights shall not be made of aluminium, or other metals or alloys of low density. Nothing in this sub-rule shall apply to weights specified in sub-rule (2).
- (2) The bullion tole, rati, grain and apothecaries weights shall be made only of solid brass, gun metal, bronze or German silver. The weights of one rati and under, and 12 grains and under may be made of solid brass, gun metal, bronze, aluminium or platinum.
- 27. (1) All weights in the pound avoirdupois series shall be rectangular in shape with a bar for lifting purposes cast in the body, except the weights of denominations of 4 lbs. and under which shall be flat, square and without a lifting bar. Corners and edges of all weights shall be rounded off. All weights in a set shall be of similar form and proportional dimensions. The small weights of 4 lbs. and under shall nest with each other. No weights made of iron under 4 ozs. shall be stamped
- (2) All weights in the tola, seer and maund series shall be cylindrical in shape with a slight taper between the base and the top and shall have a bar for lifting purpose cast in the body, except the weights of denominations of two seers and under which shall be flat circular without a lifting bar. Edges of all weights shall be rounded off. All weights in a set shall be of similar form and proportional dimensions. The small weights of two seers and under nest with each other. No weight made of iron under \(\frac{1}{2} \) seer shall be stamped.
- (3) All weights of the bullion tola series, other than weights of the denomination of 100 tolas and under, shall be cylindrical in shape and shall have a knob or a handle for lifting purposes. The weights of the denominations of 100 tolas and under shall be flat and circular with or without a lifting knob. Val weights shall be flat and circular. The bullion tola weights shall be marked with the word "Bullion Tola" or its abbreviation.
- (4) Rati weights of the denominations of 1 rati and over shall be flat and circular and shall be provided with a knob. The weights of the denominations under one rate shall be flat and square.
- (5) Apothecaries weights and grain weights equivalent to I ounce and upwards shall be evlindrical with knobs. Those below the equivalent of I ounce shall be flat with or without knob or wire
- 28. (1) Weights of 1 ounce and 2 tolas, and over shall be provided with one adjusting hole only. Rati weights shall not be provided with adjusting holes.
- (2) Adjusting holes shall be in the under-surface of the weight, and shall not extend to the upper surface. They shall be undercut and plugged with lead, which shall cover the bottom of the whole, and shall not project beyond the surface.
- (3) No weight adjusted in any other manner shall be stamped.
- 29. (1) In weights made of iron and of flat shape the lead inserted for adjustment shall not be less than one-eighth of an inch thick the approximate depth of adjusting hole shall be equal to 3/5th of the centre, thickness of the weight, and the approximate minimum distance of lead from the surface when new, shall be 1/5th of the centre thickness of the weight.

- 29. (2) The adjusting hole of weights made of iron and of flat shape shall be circular and shall approximately be of the following diameters, that is to say,—
 - (a) for 4 lbs., 2 lbs., 2 seers and 1 seer weights—of 1/2 inch diameter;
 - (b) for 1 lb. weights—of 3/4 inch diameter;
 - (c) for 8 ozs., 4 ozs., 3/4 seer and 1/8 seer weights—of 1/2 inch diameter.
- (3) The adjusting holes of weights made of non other than of flat shape shall be rectangular or circular, and shall not exceed the area of rectangle of the following dimensions:—

| Denomination of seer weights | Denomina tion of pound weights | - Longth | Wietp | Approxi- mate diameter of Circle equivalent to area of reotangle | |
|------------------------------|---|----------|-----------------|--|-----------------|
| | | Inches | inches | Inches 1 | nohes |
| i maund . I | 100 lbs. } 56 lbs. } | 3 | 11 | 2 · 2/5 | 1# |
| 10 #8615 | 50 lbs. 28 lbs. | ¥± 2 | 14 | 2 1 · 3/5 | 11 |
| | 20 lbs. | 14 14 | ∄ 5/8 | 1 · 1/5 | <u>‡</u> 5/ዜ |
| วั ≢คอาห | 10 lbs. \ 7 lbs. } | 1 | 1 | 4/5 | # |
| 2] Secr# | 5 lbs. | ł | k | 11/16 | 1 |

Weights made of metals other than iron

(4) The adjusting holes of weights made of metals other than iron shall be circular and approximately of the following dimensions:—

| Denomination of seer weights | Denomination of pound weights | Diamete | j)(p (h | Approximate minimum distance of lead from surface when new |
|------------------------------------|-------------------------------|----------------|----------------|---|
| | | Inches | Inches | Inches, |
| Other than flat? | | | | |
| maund | 100 lbs. } | | | |
| ↓ maund | 56 lbs. } | 14 | 2 | ł |
| _ | 50 lbs.) | | | |
| 10 веста | 28 Ibs.) | | | |
| | 20 lbs. > | l | l∳ | * |
| | 14 Jba.) | | | |
| 5 яветя | 10 lbs. } | | | |
| | 7 Ibs. > | ì | ľ | ı i |
| 3 Brest | 5 lbs. j | • | | |
| Flat Shape | | | | |
| 2 жеегч | 4 1bs. \ | | | |
| 1 eee1 | 2 lbs, ∫ | 1) a | /5th centro | 1/5th oeatre |
| ∦ seer | 1 የሁ. ገ | t | hickness of | thickness of |
| I seer | 8 oz#. ∫ | 4 (v | reight | weight. |
| 1/8 seer | 4 ozs. | ſ | | |
| • | 2 028. }- | 1 [| | |
| | low, j | ſ | | |

(5) The adjusting holes of the bullion tola weights shall be circular and approximately of the following dimensions:—

| Denomination of tola weilig | Drameter | Approximate minimum distance of load from surface when new Inch 1 | | |
|---|-----------|---|---------------|--------------|
| Other than flat shape 2,000,1,000 500, 300, 200 | Inch 1 | | | |
| Flat shape 100, 50 | | | # 1 8/8 | 3/16. 1/8 |

Dry Measures of Capacity

30. (1) Dry measures of capacity shall be made of sheet iron or steel, with or without nickle plating, tin-plate brass, bronze, copper, nickel, aluminium, well seasoned wood, or other material approved by the Officer I/C Marketing. Measures may be protected by galvinisation or by other process approved by the Officer I/C Market.

- (2) Dry measures of capacity turned from the solid wood or made of sappy wood shall not be stamped.
- (3) Dry measures of greater capacity than 10 seers shall be provided with handles.
- (4) The upper surface of all dry measures shall be in one plane.
- (5) The bottom of all dry measures made of metal shall be flat with a base not less than half an inch in depth going all round the edge. The bottom shall be reinforced by two diametrical strips at right angles to each other not less than half an inch in width each.
- (6) The body of all dry measures made of metal shall be strengthened by a metallic band round the rim of the measure. In addition to this dry measures of greater capacity than ten seers shall have one more band near the middle of the body.
- (7) The thickness of the metal used shall be such that the body cannot be easily indented or forced in.
- 31. (1) The dry measures of smaller capacity made of metal shall be of circular cylindrical form, and the internal diameter of such measures shall not differ by more than five per cent. from their depth or double their depth.
- (2) The dry measures of capacity made of wood shall be rectangular in shape, the length being equal to the breadth which shall not differ by more than five per cent. from the depth or double the depth. The dry measures of capacity made of wood of two seers and under may also be of cylindrical form and the internal diameter of such measures shall not differ by more than five per cent. from their depth or double the depth. The measures of capacity of half maund and over shall have one wooden strip lengthwise on top for strength.
- 32. The dry measures of greater capacity and made of wood shall be bound or strengthened with metal or wooden straps or hoops, except when made of wicker or similar open material.
- 33. (1) The denomination shall be marked as near the upper edge as possible on every dry measure of capacity in the same manner as on liquid measures. On measure made of wood the denomination shall be branded.
- (2) Dry measures of capacity made of wicker or similar open material, shall have the denomination marked on a suitable brass tablet or plate, fastened to the measure by means of a copper wire or branded on a tablet of wood securely worked into the side of the measure.
- 34. All dry measures of capacity shall be such as to give correct quantities according to denomination only when they are filled up to the level of the brim.
- 35. The Asstt. Marketing Officer shall determine which measures are of greater capacity and which of smaller capacity; and his decision shall be final.

Liquid Measures of Capacity

- 36. (1) Liquid measures shall be made of glass, earthenware, tin, tin alloys, pewter, brass, bronze, copper, tinplate, white metal, aluminium, nickel, nickelled or nickel plated steel or sheet iron, enamelled metal, or other material approved by the Officer I/C Marketing.
- (2) Liquid measures made of brass, bronze or copper shall be well tinned all over the inside.
- (3) The coating of nickel on nickelled measures shall be uniform and show no signs of peeling.
- (4) (a) Liquid measures of Imperial gallon series and liquid measures of greater capacity than two seers shall be of a conical shape and shall be provided with handles. Liquid measures of gallon series used in liquor trade and liquid measures of two seers and below shall be either cylindrical or conical in shape and shall be provided with transless.

Liquor dram and peg measures shall be cylindrical in shape with or without handles; automatic peg measures shall be of a pattern approved by the Assistant Marketing Officer.

For liquid measures of conical shape of capacity below a seer and one pint, the height shall be equivalent to the diameter of the base and the diameter of the top shall be one-third of the height subject to a variation of five permeter.

In the case of liquid measures of a conical shape having a capacity of \(\frac{1}{4} \) seer and up to five seers and one pint to four gallons, the height shall be equivalent to the diameter of the base and the diameter of the top shall be one-fourth of the height subject to a variation of five per centum. The sides of the conical measures shall make an angle of about 76° with the base.

- Liquid measures of a greater capacity than 5 seers or four gallons shall not be stamped unless they are of a pattern approved by the Assistant Marketing Officer.
- (b) Metal measures of the capacity of two seers and below and liquor dram and peg measures of cylindrical shape shall have vertical sides and shall have no retaining edge or rim. Their height shall not differ by more than ten per centum from one and a half times their diameter.

Liquid measures of gallon series of cylindrical shape used in liquor trade shall have no retaining edge or rim. Their height shall not differ by more than ten per centum from their diameter or one and a half times their diameter.

Such measures shall be well tinned over, inside as well as outside if they are intended to be used for any liquid food.

Note.—Electroplating or gilding the said measures shall be regarded as a substitute for tinning.

Measures used for dipping shall have a dipping handle which shall not be longer than twice the depth of the measure. Measures used for pouring shall have a suitable handle.

- (c) Apothecaries measures shall be of a conical or cylindrical shape with retaining edge or rim with a spout,
- (5) The thickness of the metal used in all liquid measures shall be such that the body cannot be easily indented or forced in.
- (6) The bottom of all liquid measures except those used for dipping shall be provided with a base consisting of a circular metal band not less than \(\frac{1}{2} \) inch in width going all round the edge and shall also be reinforced with such diametrical strips not less than half an inch in width as will ordinarily prevent its being indented or raised.
- (7) If a liquid measure possesses a top rim, or retaining edge, a small hole shall be provided at the bottom of the lip, rim or edge. If it is without a top rim, the upper surface shall be level.
- (8) A liquid measure with a tap must be capable of completely emptying itself without being tilted.
- (9) No liquid measure shall possess any mark on it, not being a graduation mark or line which may be mistaken for a graduation mark or line.
- 37. (1) A liquid measure, if its capacity is clearly defined, may have a top rim, lip, or retaining edge, to prevent spilling, provided that the capacity thus added does not exceed 10 per cent. of the marked capacity of the measure. No liquid measure shall have a false bottom.
- (2) A liquid measure which is not completely emptied, when tilted, to an angle of 120° from the vertical, shall not be stamped.
- 38. Every liquid measure shall have its denomination clearly, permanently, and legibly marked upon the outside of the body thereof, and not upon the handle, bottom, rim or edges; but on a glass measure in which the capacity is defined by a line, the denominations of the measure shall be plainly marked at the line. On an enamelled metal measure, the denomination shall be marked in a distinctly different colour from that of the body of the measure. In the case of a measure made of sheet metal, the denomination shall be marked on a slip of tin or on a shield (e.g. of sheet brass) securely soldered on the measure, with a small piece of tin or securely fixed therets for receiving the stamp.
- 39. (1) A glass liquid measure, in which the sub-divisions are less than one-twelfth inch apart, shall not be stamped.
- (2) The total number of the graduations shall be clearly ground upon every liquid measure.
- (3) A glass liquid measure shall have perfectly smooth transparent cylindrical sides and shall have clearly ground on the outer surface the necessary graduation marks each at two places diametrically opposite, so that in reading the measure the corresponding graduation marks at such places shall coincide when observed from either side.
- (4) A liquid measure also ground with equivalents in weight may be stamped, provided that the words "of water" are ground on the measure in addition to the denomination.

Area and Volume

- 40. (1) Cubic measures of capacity shall be made of well-seasoned wood. Measures made of sappy wood shall not be stamped.
- (2) Such measures shall be bound or strengthened with metal or wooden straps. The measures shall have one wooden strap lengthwise on top for strength.

- (3) The denomination of every cubic measure shall be
- (4) Cubic measures of capacity shall be rectangular in shape, the length shall not differ by more than five per centum from their breadth or double their breadth. In all such measures the height shall not be less than one foot.

branded as near the top edge as possible.

Measures of Length

- 41. (1) Every measure of length shall be made of steel, brass, ivory, hard wood, woven tape, or other material approved by the Officer I/C Marketing. Such measure shall be denominated and graduated clearly and indelibly. The measures of 2 feet or more in length and made of wood shall have both ends tipped with metal and the tips shall be revetted. In measures used for measuring bales, boxes, timber, etc., any sliding or calliper arms shall have no more play than is necessary for easy movement.
- (2) A sub-divided measure of length shall have its numbered division and also their sub-divisions, of longer lines than the minor graduations.
- (3) Measures of length which are not sub-divided shall not be stamped unless en "aved or marked by the manufacturer "Not sub-divided".
- (4) Every measure of length, except that of woven tape or metal tape or chains made of metal, shall be so made that it cannot be easily bent.

Weighing Instruments

General

42. Every weighing instruments manufactured after these Rules come into force shall have a maker's name, and its capacity prominently and indelibly marked on it. Provided that the Officer I/C, Marketing may allow a manufacturer to substitute for his name his trade mark or monogram of an approved size registered in the office of the Officer I/C, Marketing. The capacity shall be indicated in the following manner:—

"To weigh

lbs".

"To weigh

seers".

- 43. (1) All knife-edges and bearings of a weighing instrument shall be of hard steel or agate or other material approved by the Officer I/C, Marketing; they shall be so fitted as to allow the beam or steel yard to move easily, and the knife-edges shall practically bear upon the whole length of their working parts.
- (2) All graduations in the case of weighing instruments shall consist of sharply defined lines so that the position of all sliding poises or indicators shall be clearly readable.

Beam-scales

- 44. (1) The term "beam-scale" means any weighing instrument, with two equal arms, the pans of which are below the beam.
- (2) A beam-scale shall be made of mild steel, wrought iron, brass, bronze, or any other material approved by the Officer I/C, Marketing Office. The pans shall be made of mild steel, cast iron, brass, bronze, hard wood, leather or any other material approved by the Officer I/C, Marketing. The pans shall be suspended by means of metal chains or metal stirrup supports or supports made of any other material approved by the Officer I/C, Marketing.
- (3) A beam-scale shall have a knife-edge, a bearing and an indicator in the centre, and a knife-edge at each extreme end of the beam. The bearings in the case of Class A and Class B beam-scale and the bearings or hooks in the case of Class C and Class D beam-scale from which pans are suspended shall rest on the knife-edges at the extreme ends of the beam, and shall bear practically on the whole length of the knife-edges.
- 45. (1) Every beam-scale shall belong to one of the following four classes :— $\,$
 - Class A.—Chemical and assay balances and other beam-scale provided with means for relieving all bearings and knife-edges. Class A instruments shall satisfy the requirements of Table XIV and need not be marked with a class mark.
 - Class B.—Beam-scale, other than Class A instruments, which satisfy the requirements of Table XV.
 - Class C.—Beam-scale other than those specified in Class A or Class B which satisfy the requirements of Table XVI.
 - Class D.—Beam-scale other than those specified in Class A or Class B or Class C, which satisfy the requirements of Table XVII.

- (2) All beam-scale other than those specified in Class A shall be legibly and indelibly marked Class B, Class C or Class D.
- 46. (1) Any attachment for adjusting the balance of a beam-scale shall be permanently fastened and where a balance ball or box is used for occasional adjustment, it shall be so fixed that it cannot readily be tampered with. Beam-scale with wooden scale boards shall be provided with a balance ball box.
- (2) The balance ball or box shall not be so large as to contain more loose material than an amount exceeding 1 percent, in weight of the weighing capacity of beam-scales under 100 lbs, or than an amount exceeding 2 lbs, for beam-scales of weighing capacity over 100 lbs.
- (3) Beam-scales of capacity less than 2 cwt. with wooden scale boards shall have metal sheets covering the scale boards.

Counter machines

- 47. For the purposes of these Rules the term "counter machine" means any equal armed weighing instrument of a capacity not exceeding 1 cwt. or 55 seers, the pans of which are above the beam, and includes, together with the ordinary type, such instruments as are specially designed for counter use, and which do not exceed the above mentioned capacity.
- 48. (1) When the beam or body has two sides, they shall be connected together by not less than two cross bars; and the supports for the pans shall be of suitable rigid structure, such as crosses strengthened by straps.
- (2) Centre forks shall be fixed so that they cannot twist or get out of place.
- (3) The bearing surfaces and points of contract of all stays, hooks, and loops shall be of hard steel or agate or other material approved by the Officer-in-Charge, Marketing.
- (4) Where a counter machine is adjusted by means of a balancing box, it shall be permanently fixed beneath the weight pan, and shall be large enough to contain a loose material to an amount not exceeding 1 per cent. of the capacity of the machine.
 - (5) No other adjusting contrivance shall be used.

Spring Balances

- 49. A spring balance, of a capacity of 30 lbs., or 15 seers or under, with the goods pan below the spring, shall be permanently suspended from a stand, support or bracket and if not so suspended shall not be stamped.
- 50. The extremity of the index finger shall not exceed 1/32 inch in width, and shall not be more than 1/10th inch from the scale or dial.
- 51. The scale shall be graduated into approximately equal parts, and the minimum width apart of the graduations shall not be less than 1/16 of an inch for a capacity of 30 lbs. or 15 seers and under and not less than 1/8 of an inch for a capacity of 40 lbs. or 20 seers and over.
- 52. (1) The weights corresponding to the interval between consecutive graduation shall conform to the following table:—

| Capacity | Weight corresponding to interval between consecutive gradua- tions must not exceed |
|--|--|
| 1 lb. or 14 seers | 2 drams |
| 2 lbs. to 7 lbs. or 1 seer to 3\frac{1}{4} seers | 4 drams |
| 10 lbs. to 15 lbs. or 5 seers to 74 scors | 8 drams |
| 20 lbs. to 30 lbs. or 10 secra to 15 scora | l oz. |
| 40 lbs. to 60 lbs. or 20 seers to 30 seers | 2 oz. |
| 100 lbs, and over or 50 seers and over | 1/200 of capacity. |
| | |

- (2) When the graduation commences at a fixed load the position of the index when there is no load, shall be clearly indicated by a zero mark.
- 53. Capacities between 1 lb. and 100 lbs. and between $\frac{1}{2}$ seer and 50 seers, other than those included in the table in rule 52, shall not be permitted.
- 54. When a spring balance is provided with an adjustable indicator, the range of adjustment shall not exceed one per cent. of the cipneity of the instrument, except in the case of instruments used for mining purposes, when it shall not exceed two per cent.

Steel Yards

- 55. (1) All steel yards shall be made of wrought iron, steel, or other material approved by the Officer I/C Marketing. The shank shall be perfectly straight.
- (2) Each set of notches, or graduations, on the shank shall be cut in one plane and be at right angles to the shank.
- (3) All steel yards shall be provided with a stop or other suitable arrangement to prevent excessive oscillation of the shank.
- (4) Sliding poises and suspending hooks shall be securely attached to the instruments.
- (5) All end fittings, such as the nut attached to prevent the poise carrier riding off the steel yard arm, shall be securely fixed to the shank.
- (6) The sliding poise shall be freely movable without risk of injury to the notches from constant use, and there shall be a stop to prevent it from travelling behind the zero mark or lowest graduation.

Dead-weight Machine

- 56. For the purposes of these Rules the term "dead weight machine" mean any weighing instrument similar in principle of construction to a counter machine, but constructed to weigh loads of a capacity of 1 cwt. or 55 seers or over, and includes—
 - (a) The low pattern of cotton machine with the weighing platform near the ground and the connecting stays or hooks above the beam;
 - (b) The high pattern or single machine with the weighing platform at a convenient height, and the connecting stays or hooks below the beam. This form includes equal-armed machines for weighing coal or vegetables; and
 - (c) the double machine, a combination of (a) & (b).
- 57. (1) The bearing surfaces and points of contract of all stays, hooks and loop shall be of hard steel and the centres shall have rectangular shoulders and fit into rectangular holes, being firmly secured.
- (2) The bearing surfaces of the adjustable slides shall be of hard steel and the stems holding them in position shall be secured by lock nuts or otherwise.
- (3) The goods platform shall not exceed in length of the beam and in width double the width of the beam. Folding wings shall not increase such dimensions more than 1/3rd in either direction.
 - (4) Platforms shall be of metal or hard wood.
- (5) The minimum fall in dead-weight machines shall be 5/8th inch both ways for vibrating machines, and 7/8th inch one way for accelerating machines.

Platform Machine and Weighbridges

- 58. (1) The steel yard of a platform machine of a weighbridge shall not involve any readily movable parts, except the support for the counterpoises. There shall be a stop or stops to prevent the sliding poise or poises from travelling behind the zero mark.
- (2) The steel yard or registering mechanism may be confined in a locked box or case, provided that the indications or graduations are visible.
- (3) The minimum travel of the steel yard in platform machine shall be 3/8th inch both ways for vibrating machines, and 5/8th inch one way for accelerating machines. The minimum travel of the steel yard in weighbridges shall be 1/2 inch both ways for vibrating machines, and 3th inch one way for accelerating machines.
- 59. (1) If a movable hutch, barrow, frame, or bucket is used instead of the ordinary platform, it shall form an essential part of the machine, without which it cannot be balanced.
- (2) All counterpoises for use in connection with movable hutches etc. shall be tested.
- 60. The balancing arrangement for daily wear and tear shall have a range not exceeding $\frac{1}{2}$ per cent. of the capacity of the machine, and not less than $\frac{1}{6}$ per cent. each way. In a new machine it shall be securely attached and actuated by a detachable key.

- 61. The following provisions shall apply to platform machines and weigh-bridges with dials:—
 - (a) racks and pinion shall be of hard metal;
 - (b) the extremity of the index shall in no position be at a greater distance from the graduated surface of the dial than 3/16th inch; and shall be made to meet but not to obscure the graduation marks;
 - (c) the registration mechanism, and cylinders, or tanks containing liquid (if any) shall be protected from dust, and from excessive variations of temperature;
 - (d) in a self indicating pit bank weighing machine, the pendulous lever, suspension rod, and water box shall be suitably enclosed.

Crane Machines

- 62. (1) Crane weighing machines may be constructed upon the lever, spring, or hydraulic principles.
- (2) All working parts shall be suitably protected from damp and dust.
- (3) In a lever machine, the steel yard may be made of special metal to resist atmospheric influences, provided it is sufficiently rigid and accurate. The rack and pinion in a dial machines shall be of suitably hard metal.
- 63. The range of balancing or adjusting arrangements shall not exceed two per cent, of the capacity of the machine.
 - The inspection, verification, reverification, adjustment and stamping of weights and measures and weighing or measuring instruments in use in any area, including the prohibition of stamping in cases where the nature, denomination, material or mode of construction of the weight or measure or weighing or measuring instrument appears likely to facilitate the commission of fraud and the period within which such weights and measures and weighing or measuring instruments shall be verified or reverlified.

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- 64. An Inspector shall visit the premises of every trader in the area in his charge for the purpose of inspecting all weights, measures, and weighing machines in use for trade once at least in two years, and he shall from time to time make such special surprise visits as are necessary for the proper discharge of his duties.
- 65. An Inspector shall submit a monthly report, to the Asstt. Marketing Officer showing the work of inspection and verification done by him in a form approved by the Officer I/C Marketing.
- 66. All weights, measures, and weighing and measuring instruments thall be tested in a clean condition, and if necessary, the Inspector shall require the owner or user to clean them.
- 67. Where a weight, measure, or weighing or measuring instrument is brought by a trader to an Inspector for reverification, the Inspector shall deal with it in the same manner as upon inspection, but it shall not be necessary for him to test a glass or earthenware measure, unless the original stamp has been defaced.

The margin of error permissible on reverification shall not exceed the margin of error permissible on verification.

- 68. (1) Before stamping any weight, measure or weighing or measuring instrument, the Inspector shall satisfy himself that such weight, measure, or weighing or measuring instrument complies with the requirements of the Act and the Rules.
- (2) Weights, measures and weighing and measuring instruments already in existence at the commencement of the Rules, which do not conform exactly to the requirements of the Rules but which are of denominations permissible under the Act or these Rules, and are within the percentages of error permitted by these Rules, shall be verified and starred of the conformal shown in Table XXVI hereinafter called "Periods of allowance".
- (3) The periods of allowance shall begin to run from the date of the commencement of these Rules and after the expiry of the said periods no weight, measure or weighing or measuring instrument shall be verified or stamped unless it complies with the provisions of the Act and these Rules.
- (4) Notwithstanding anything contained in sub-rule (1), any weight, measure or weighing or measuring instrument which is once verified or stamped in accordance with

- the Rules then in force may at any time within a period of ten years after the date of such first verification or stamping, as the case may be, be reverified or stamped under these Rules if such weight, measure or weighing or measuring instrument complies with the provisions of the Rules which were in force at the time of its first verification of stamping as the case may be.
- 69. A weight, measure, or weighing or measuring instrument presented for verification shall be complete in itself, and shall not bear a manufacturer's or maker's mark which might be mistaken for the Inspector's stamp.
- 70. No weight, measure, or weighing or measuring instrument shall be stamped which is not, in the opinion of the Inspector, sufficiently strong to withstand the wear and ear of ordinary use in trade.
- 71. The commination or capacity of a weight, measure, or weighin; or measuring instrument, if not marked in full, shall be indicated only by one of the abbreviations set out in Table XXVII.
- 72. No instrument, weighing or measuring, manufactured after these Rules come into force other than Class A beam-scales, shall be stamped unless provided by the manufacturer with a plug or stud of soft metal on which to place the Inspector's stamp, such plug or stud being made arremovable by under-cutting or in some other suitable manner.
- 73. (1) The Inspector shall stamp weights, measures, and instruments with a stamp of uniform design issued by the Officer I/C Marketing with the addition of the number of mark distinguishing the district.
- (2) All weights, measures (other than glass, earthenware, and enamelled metal measures), and weighing or measuring instruments shall except where the small size renders it impracticable, have a date marked (indicating the date of stamping) on them by the Inspector.
- 74. No weights, counterpoise, measure or weighing or measuring instrument for which no specific provision is made in these Rules shall be stamped unless it is of a pattern approved by the OMcer Incharge, Marketing.

Weights

- 75. All weights shall be examined to ascertain that they comply with the provisions of the Act and these Rules in every respect.
- 76. (1) A weight shall not be stamped unless in the opinion of the Inspector such weight is free from flaws, and smooth on all its surfaces.
- (2) No weight made of iron, manufactured after the date when the rules come into force shall be stamped unless such weights are blacked, black-leaded, oxidised or protected by galvinization or other process approved by the Officer I/C Marketing.
- 77. Weights shall be stamped on the lead in the adjusting hole in the under-surface of the weight:

Provided that weights made of brass and without an adjusting hole shall be stamped on the under-surface.

- 78. No weights used in either-
 - (a) Gold and silver trades, or
- (b) pearl and precious stone trades, shall be stamped unless they are either bullion tola, val or rati weights.

Dry Measures of Capacity

- 79. All dry measures of capacity shall be examined to ascertain that they comply with the Act and these Rules in every respect.
- 80. No dry measure of capacity shall be stamped which is constructed to contain more than one denomination of measure, unless such measure is of a pattern approved by the Asstt. Marketing Officer.
- 81. (1) All dry measures of capacity, not being a measure made of wicker or other open material, shall be tested either with water, or in the following manner with rape seed:—
 - (a) The working standard shall be filled with seed passed through a hopper at distance of six inches being left between the bottom of the hopper and the top of the working standard;
 - (b) All the seed contained in the working standard shall then be replaced in the hopper and thence run from the hopper into the measure under verification, which shall be placed so that the same distance of six inches intervenes between the bottom of the hopper and the top of the measure.

- (2) Dry measure of capacity made of wicker or other open material shall be tested by means of cereals of the smallest size practicable.
- 82. Dry measures of capacity made of metal shall be stamped near the brim in a vertical line with the denomination. Where necessary, such measures shall be provided by the maker with a soft plug to receive the stamp.
- 83. (1) Dry measures of capacity made of wood shall be branded outside in a vertical line with the denomination, and in the case of new measures, also in the inside angle at the bottom of the measure.
- (2) Dry measures of capacity made of wicker or other open materials shall be stamped on the tablet, plate or tastening in such manner that such tablet, plate or tastening cannot be removed without defacing the stamp.

Liquid Measures

- 84. All liquid measures shall be examined to ascertain that they comply with the Act and these Rules in every respect.
- 85. A liquid measure marked with equivalents in weight may also be stamped provided that the words 'of water' are marked on the measure in addition to the denomination.
- 86. (1) Every liquid measure shall be tested by filling the working standard with water and emptying the contents of the working standard into such measure submitted for verification.
- (2) Where the capacity is indicated by a line, the measure shall be tested to the bottom of the line.
- (3) A lip or rimmed measure shall be tested to the bottom of the lip or rim.

Area and Volume

- 87. (1) All measures of volume shall be examined with the object of discovering flaws or want of straightness and proper right angles at the corners.
- (2) Every measure of volume shall be verified by comparing length of each side against the working standard of length at or near the normal temperature.
- (3) The allowance for errors in the case of lengths of the sides of measures of volume shall be the same as prescribed for linear measures.
- (4) All measures of volume shall be stamped near the top edge on brass plate securely fastened to them.

Measures of length

- 88. All measures of length shall be examined with the object of discovering flaw or want of straightness of strength.
- 89. Every measure of length shall be verified by comparison with a working standard at or near the normal temperature.
- 90. (1) A linked measure, or a riband or tape measure, shall be tested when subjected to a tension or pull as follows:—

Ordinary riband or tape measure—2 lbs.

Ordinary riband or tape measure (metal)—10 lbs. Linked measures—15 lbs.

- (2) The measure under test shall be supported throughout its whole length on a plane and even base.
- 91. Tape measures which are intended to be used in cases may be accepted for verification and stamping if submitted without the case.
- 92. (1) All measures of length shall be stamped near the beginning of the scale on each graduated side.
- (2) In the case of linked measures the stamp may be placed on a metal, label or disc permanently attached to the measure, or on the brass handle.

Weighing Instruments

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- 93. (1) A weighing instrument of the vibrating type shall be tested for sensitiveness by loading the instrument with the maximum testing load, with the beam or steel yard in a horizontal position, and ascertaining that it turns with the addition of the amount shown in the table for sensitiveness. No test for sensitiveness at a lower load shall be made.
- (2) For beam-scales, the addition of the said amount on either side shall cause an appreciable movement of the beam.

- (3) For other vibrating weighing instruments, the addition of the said amount shall cause the beam or steel yard to rise or fall to the limit of its range of movement.
- 94. (1) Weighing instruments of the vibrating type shall be tested for error by ascertaining the weight in excess or deficiency (if any) required to bring the beam or steel yard of the machine to a horizontal position when fully loaded.
- (2) Weighing instruments of the accelerating type shall be tested for error by ascertaining the weight required, when the machine is fully loaded, just to keep the beam or steel yard in a horizontal position on its stop or career and no more; and shall be further tested by ascertaining the weight required to bring back the beam or steel yard from its position of greatest displacement to the horizontal position, the machine being fully loaded and fully balanced.
- 95. For capacities not tabulated, the allowances for error, and the required sensitiveness shall be proportional.
- 96. Moveable weighing instruments provided with a beam shall be tested on a level plane, and instruments which are suspended in use shall be suspended when tested
- 97. A weighing instrument with removable hooks (other than the hooks or bearings of "swan-neck" beams and the hooks at the end of steel yards of compound lever machines) shall not be stamped unless it is of a pattern approved by the Asstt. Marketing Officer.
- 98. (1) No weighing instrument having a counterpoise or travelling poise shall be stamped, unless such counterpoise or travelling poise is provided by the manufacturer with a hole or other suitable means for future adjustment, such adjusting hole being under-cut; and if loose material is used in a travelling poise, it shall be securely enclosed.
- (2) The Inspector shall ascertain that a weighing instrument is properly balanced when not loaded, that the beam has sufficient room for oscillation and that it returns to the position of equilibrium or that the indicator returns to the zero mark of minimum graduation, when the load is removed.
- 99. No weighing instrument with removable parts, the removal of which would affect the accuracy of the instrument, shall be stamped, unless the parts are such that the instrument cannot be used without them.
- 100. Where an instrument has interchangeable parts or reversible parts, it shall not be stamped unless the interchange or reversal does not affect the accuracy of the instrument.

Beam-scales

- 101. All beam-scales shall be examined to ascertain that they comply with the Act and these Rules.
- 102. (1) With the pans loaded to half the capacity, no appreciable difference in the accuracy of the instrument shall result from moving the knife-edge or bearings laterally or backwards and forwards within their limits of movement.
- (2) The instrument shall be correct whether the load is on the middle or near the edge of the pan.
- 103. (1) On beam-scales, the verification marks shall be placed on the stud or plug on the beam, immediately under or over the central knife-edge.
- (2) The Inspector may stamp any plug or stud in the same manner as he would stamp a weight, or by means of marking pincers.
- 104. No beam-scale which is to be stamped shall have a loaded weight pan.

Counter machines

105. All counter machines shall be examined to ascertain that they comply with Act and these Rules.

106. The minimum 'fall', either way, on counter machines shall be as under:—

| Capacity | | | | Inch |
|---|-----|-----|-----|------|
| Not exceeding 4 lbs. or 2 se | | | | 1/4 |
| Above 4 lbs. or 2 seers and : 3½ seers Above 7 lbs. or 3½ seers and | | •• | | 5/16 |
| 14 seers Above 28 lbs· or 14 seers and | | | | 3/8 |
| 28 seers | | ·· | | 7/16 |
| Above 56 lbs. or 28 seers | • • | • • | • • | 1/2 |

- 107. With the pans loaded to half the capacity, no apprecible difference in accuracy of the counter machine shall result from moving the knife-edges or bearing laterally or backwards and forwards within their limits of movement.
- 108. When the goods pan is not in the form of a scoop, the counter machine shall indicate the same weight within half the prescribed limits of error, if the centre of a load equal to half the capacity is placed on the goods pan anywhere within a distance from the centre equal to one-third the greatest length of the pan, or, if the pan has a vertical side, against the middle of that side, the weight being entirely on the weights pan but in any position on it
- 109. When the goods pan is in the form of a scoop, the counter machine shall be correct, if half the full load is placed against the middle of the back of the scoop and the other half in any position on the scoop.
- 110. The verification stamp shall be placed upon the plug or stud provided for that purpose on a conspicuous part of the beam or body of the machine.

Spring Balances

- 111. All spring balances shall be examined to ascertain that they comply with the provisions of the Act and these Rules.
- 112. (1) When the pan is below the spring, the prescribed limits of error shall not be exceeded wherever the load is placed upon it.
- (2) Where the pan is above the spring, the rules regarding the position of the load on the pans of counter machines shall apply.
- 113. (1) Each numbered graduation shall be tested; intermediate graduation may be tested if necessary.
- (2) The spring balance shall be correct, whether the test is forward or backward; in either case the spring shall be allowed to vibrate before the reading is taken.
- (3) The Inspector may test the balance for efficiency or ability to recover, by leaving on the same a load equal to its maximum capacity for a period of twenty-four hours or less, and then, after the expiration of four hours may test the same for accuracy.
- 114. (1) Spring balances of a capacity of 30 lbs. or 15 seers and under shall satisfy the requirements as regards error of counter machines of similar capacity. For spring balances of a capacity of 40 lbs. or 20 seers and over, the error shall not exceed the weight corresponding to a quarter of the interval between consecutive graduations.
- (2) Spring balances shall not be tested for sensitiveness (See Table XIX).
- 115. Spring balances shall be fitted with a soft metal plug to receive the Inspector's stamp, and, wherever practicable, the plug shall pass through the dial and frame. The plug shall be so supported as to avoid risk of injury to the instrument by stamping.

Steel Yards

- 116. The Inspector shall not stamp—
 - (a) Any steel yard which is reversible and has three hooks;
 - (b) Any accelerating steel yard;
 - (c) Any counter steel yard;
 - (d) Any steel yard not having a zero graduation, or
- (e) Any steel yard of a capacity of less than 56 lbs.; unless the pattern thereof has been approved by the Officer Incharge, Marketing.
- 117. (1) Each numbered graduation shall be tested, and the instrument shall be correct whether the test is applied forward or backward.
- (2) The allowances for error in the case of steel yards shall be twice those prescribed for counter machines or dead weight machines of similar capacity.
- 118. The verification mark shall be placed upon the plug or stud on the front pace of the shoulder of the steel yard.

Dead-weight Machines

- 119. The dead weight machine shall indicate the same weight within half the prescribed limits of error, if a load of one fourth the capacity is placed successively at the middle of the front and back of each platform, and centrally over the knife-edges on each side.
- 120. The plug or stud for verification mark shall be placed on a conspicuous part of the beam or body of the machine.

Platform Machines and weigh-bridges

121. Weighbridges, dormant platform machines, petrol pumps and such other weighing or measuring instruments as the Officer I/C Marketing may specify in this behalf, shall be verified and stamped in situ, in addition to any preliminary test on the maker's or seller's premises.

122. The Inspector shall, in other than dial machines, proceed to test each numbered graduation up to one ton, or to such smaller amount as the last graduation on the steel yard may indicate. He shall then test the loose counterpoises where such are provided, and finally test the machines ton by ton, or load it with heavy material to within one ton of its maximum load, and ascertain that an additional ton is correctly indicated. With the necessary modifications, the test of dial machines shall be made in a similar manner.

123. With one quarter the maximum load, or as near thereto as is practicable the platform machine shall indicate the same weight within half the prescribed limits of error, whether the load is placed on the middle or near the ends or corners of the similar manner.

124. When platform machine is fitted with relieving gear, the prescribed limits of error shall not be exceeded when the machine is put steadily out of and into gear. The plate or platform shall be entirely disengaged from its bearings when the machine is in relief.

125. (1) On a dial machine, the verification mark shall be made on a soft metal stud or plug fixed on the dial.

(2) On a platform machine or weigh-bridge other than a dial machine, the mark shall be placed on the plug or stud in a conspicuous position, either on the shoulder or the opposite end of the indicating lever or steel yard.

Crane Machines

- 126. (1) Hydraulic machines in which it is necessary, in order to get a correct weight indication, to twist the load hook, shall not be stamped unless a prominent notice to this effect is permanently affixed to the machine.
- (2) The steel yard movement shall be correct, and the dial hand shall work freely and return to its initial starting point after the load is removed.
- (3) Each numbered division shall be tested as far as possible.
- 127. The stamping plug shall be placed on a conspicuous part, either of the steel yard or of the dial of the machine.

Automatic Machines

- 128. (1) Automatic machines andtheir integral parts such as special beams and the like shall, satisfy the requirements of these Rules so far as they are applicable as regards principle, detail, or material of construction.
- (2) It shall not be necessary to mark means with any class, but they shall be identified with the machine by an indelible number or other sufficient mark of identification
- (3) The adjusting mechanism shall be suitable secured or protected so that it cannot be readily tampered with.
- (4) The accuracy of the output of the machine shall be verified by reweighing, over another weighing instrument, not less than twenty continuous loads; or where practicable, the machine may be tested directly by the application of standard weights.
- (5) In testing totalising machines, not less forty loads shall be passed over the machine, namely, ten minimum loads, ten maximum loads and twenty loads of the mean between the minimum and maximum.
- (6) The stamping plug shall be placed upon the beam, shank, or dial of the machine.

Period of verification

- 129. (1) All weights, liquid and dry measures of capacity and measures of length and weighing instruments for or in use in retail and wholesale shops and in industrial establishments except such as are Railways within the meaning of the Indian Railways Act, 1890 or factories within the meaning of the Factories Act, 1934, shall be verified and stamped at least once in every two years.
- (2) All weights, liquid and dry measures of capacity, measures of length and weighing instruments for or in use for trade in all places other than those covered by sub-rule (1) shall be verified and stamped at least once in every twelve months.

- The circumstances and conditions under which and the manner in which stamps may be obliterated and defaced
- 130. Subject to the provisos of this rule, the Inspector, on inspection, shall obliterate the stamp on—
- (a) any weight, measure, or weighing or measuring instrument which cannot be stamped or made to conform to the requirements of these Rules;
- (b) a measure of length, when the deficiency or excess exceeds four times the amount allowed on verification;
- (c) a measure of capacity (other than an apothecaries measure), if the error in deficiency is made than half that allowed in excess on verification; and on apothecaries glass measures, if the error is greater than that allowed on verification;
- (d) a weight, if the error in deficiency is more than half that allowed in excess on verification or if the error in excess is more than that allowed on verification;
- (e) a weight or measure if it does not admit of proper adjustment owing to its being broken, much indented or otherwise defective;
- (f) a weight or measure which since the last stamping has been so repaired or re-adjusted, that it no longer conforms to the requirements of these Rules;
- (g) a weighing instrument, if the error exceeds twice, or if the deficiency in sensitiveness exceeds three times the amount allowed on verification;
- (h) an equal armed weighing instrument which since the last stamping has been so repaired or adjusted that it no longer conforms to the requirements of these Rules and any weighing instrument which, since the last stamping, has been so repaired or altered that it has become necessary to ascertain that the indications of the intrument remain correct throughout its range, as, for instance, when an instrument is altered in design or construction, or when new stays, levers, or springs are introduced:

Provided that where the incorrectness of a weight measure, or weighing or measuring instrument exceeds the limits laid down in this rule, the Inspector shall leave with the trader a notice calling on him to have the said weight, measure, or weighing or measuring instrument corrected within a stated period, not exceeding twenty-eight days and shall obliterate the stamp if the correction has not been made within such period:

Provided further that where in a weighing instrument the incorrectness is due merely to a need for re-balancing the instrument, the stamp shall not be defaced;

- (i) any weight or measure or weighing or measuring instrument not submitted for reverification and stamping on the due date;
- (j) any weight or weighing instrument used in contravention of rule 158.
- The tests to be applied for the purpose of ascertaining accuracy and efficiency of weight and measures and weighing or measuring instrument
- 131. The Inspector shall carry out the tests prescribed in rules 18 to 129 and in accordance with the Schedule of instruction prepared for the purpose by the Assistant Marketing Officer with the approval of the Officer I/C. Marketing from time to time.

The limits of error to be allowed on verification and to be tolerated on inspection either generally or as regards any trade

and

The amount of error to be tolerated in weights and measures and weighing or measuring instruments used or intended to be used for trade

132. The amount of error to be tolerated in secondary and working standard when verified and reverified shall be as specified in Table XXVIII.

133. The amount of error to be allowed on verification and to be tolerated on inspection of weights and measures and weighing or measuring instruments used or intended to be used for trade shall be as specified in Tables I to XXV.

The amount of error to be tolerated in selling articles by measure as regards the textile trade

134. The amount of error to be tolerated when grey, white or coloured cotton piece-goods are sold on the basis of the length and width stamped on them, shall be as specified in Table XXIX

Fees

- 135. Fees to be charged for verification, re-verification and stamping, weights and measures shall be as prescribed in Table XXX.
- 136. The fees to be charged for verification, reverification and stamping, weighing and measuring instruments shall be as prescribed in Table XXXI and XXXII, respectively.
- 137. The fees prescribed in Tables XXX, XXXI and XXXII do not include fee for adjustment. The Inspector are permitted only to-carry out minor adjustments in each individual case.
- 138. (1) The fees chargeable for the verification and stamping of weight, measures, or weighing or measuring instruments at the office of the Inspector shall be at the rates prescribed in Tables XXX, XXXI and XXXII as the case may be.
- (2) If such verification or stamping is done by the Inspector at the premises of any person, the fees chargeable for such verification and stamping shall be at the rates prescribed in the said tables:

Provided that after expiry of two years from the date when these Rules come into force in any area, in addition to the fee chargeable as aforesaid, an extra fee at the rates equal to half the rates prescribed in the said tables, together with the actual travelling expenses of the Inspector incurred in carrying out such verification and stamping, shall be charged.

Provided further that in the case of verification or stamping of petrol or fuel of vehicles or weighing and measuring instruments mentioned in Rule 121 at the premises of any person, or if the verification or stamping is done by the Inspector at the premises of a manufacturer or stockist of weights, measures and weighing or measuring instruments, the extra fee prescribed in the above proviso shall not be charged but such person, manufacturer or stockist shall, in addition to the fee leviable at the rates prescribed in the said tables, be liable to pay the travelling expenses incurred by the Inspector in visiting the premises of such person, manufacturer or stockist for the purpose of carrying out the verification or stamping.

Such travelling expenses shall include any travelling and daily allowance payable to the Inspector in accordance with the Fundamental and Supplementary Rules applicable to Govt. servants in Ajmer State to which the said Inspector would be entitled, if the verification or stamping has to be carried out at a place outside the headquarters of such Inspector.

139. Notwithstanding anything contained in Rules 135 to 138, no fees shall be charged for re-stamping weights, etc., within the period of one year or two years as prescribed in Rule 129 of these Rules from the date on which they were last stamped against payment of fees provided that the original stamp on the weights, etc., was not obliterated under Rules 130.

140. In addition to the fees prescribed in Tables XXX, XXXI and XXXII, the Inspector shall be entitled to the actual cost of cartage, carriage, lifting of standards and travelling expenses incurred by him for verification or re-verification or stamping of a weight, measure, or a weighing or measuring instrument:

Provided that if verification, reverification or stamping is done in respect of weights or measures or weighing or measuring instruments belonging to more than one person, the Inspector shall recover the said charges in such proportions as the Officer I/C Marketing may by general or special order direct.

Explanation.—For the purposes of this rule travelling expenses shall include the travelling allowance payable under sub-rule (2) of Rule 138.

- 141. Before commencing the work of verification or reverification, the Inspector shall inform the person concerned of the fees payable by him under the Rules and shall receive the same and issue a receipt, two copies of such receipt shall be kept on record. The receipt shall be in the form approved by the Officer I/C Marketing.
- 142. A weight, measure, or weighing or measuring instrument which on verification is found to be incorrect shall be returned to the person concerned for adjustment. When the necessary adjustment has been carried out, such weight, measure or weighing or measuring instrument shall be reverified on payment of 50 per cent. of the prescribed fees and if found correct shall be stamped.
- 143. When a weight, measure, or weighing or measuring instrument is returned as incorrect, the Inspector shall inform the person concerned in writing of the

- defects found in the weight, measure or weighing or measuring instrument.
- 144. The Inspector shall maintain a register which shall be written up from day to day and shall show the amount of fees and carriage charges collected during the day.
- 145. The entire payments collected by the Inspector shall be paid by him into the nearest Govt. treasury every Saturday for credit to head XXXVI—A—MISCEL-LANEOUS DEPARTMENTS—Miscellaneous and a receipt obtained which shall be pasted in the accounts register and intimation to that effect shall be sent by him to the Assistant Marketing Officer.
- 146. The fees payable by makers and stockist of working and secondary standards and weighing instruments for verification, reverification and stamping by an Inspector shall be as specified in Table XXXIII.

The seizure, detention and destruction of weights and measures and weighing or measuring instruments which are not authorised by this Act

- 147. (1) Weights and measures and measuring instruments shall be liable to be seized and detained if—
 - (a) they are not of the denomination of a standard weight or measure specified in the First Schedule to the Act;
 - (b) They are false or defective;
 - (c) wilful fraud is committed in using them;
 - (d) they are unstamped;
 - (e) the stamp on them is forged or transferred.
- (2) Weighing instruments shall be liable to seizure and detention in cases (b), (c) and (e), but not in cases (a) and (d).
- (3) Any weight or measure or weighing or measuring instrument seized and detained under sub-rule (1) or (2), which is not to be subject of proceedings in a court shall, after the expiry of one month after its seizure, be so dealt with as the Officer I/C Marketing may by general or special order direct, and the materials thereof shall be sold and the proceeds credited to Govt.
- 148. Any weight or measure or weighing or measuring instrument liable to seizure and detention which is to be the subject of proceedings in a Court shall be seized and detained by the Inspector for being produced before the Court.
- The qualifications, functions and duties generally of Inspectors under this Act and the Rules and Regulations
- 149. (1) There shall be appointed an Asstt. Marketing Officer and one or more Inspector of Weights and Measures.
- (2) Subject to the control of the Officer I/C Marketing the Asstt. Marketing Officer shall superintend, direct and control all acts of Inspectors.
- (3) Subject to the control of the Officer I/C Marketing the Asstt. Marketing Officer shall superintend, direct and control all acts of Inspectors.
- (4) The Asstt. Marketing Officer shall exercise all the powers of an Inspector or and such executive powers as the Chief Commissioner may by general or special order confer upon him or them.

Functions and Duties

- 150. The duties of an Inspector are-
 - (a) the safe and proper custody of the secondary and working standards and other equipment given in his charge;
 - (b) verification and stamping of weights, measures, weighing or measuring machines, and other instruments required to be verified and stamped;
 - (c) inspections;
 - (d) collections of fees and charges and submission of the reports and returns prescribed in the Rules and laid down by the Officer-in-Charge Marketing.

Miscellaneous provisions

- 151. Every Inspector shall be provided with working standards, scale-beams, and balances for testing weights, adequate instrumental equipment, and travelling kit for inspection, of such material and form as may from time to time be approved by the Officer-in-Charge Marketing.
- 152. (1) Every Inspector shall be provided with such dies, punches stencil plates, branding irons, etching and engraving and other implements, as may be necessary

for affixing the local verification stamp, the design and number of which are furnished by the Officer-in-Charge Marketing.

- (2) Every Inspector shall be provided with punches, of suitable sizes, of eight pointed star design, as shown in the illustration below, for obliterating stamps.
- 153. Where in the special circumstances of any case it appears to an Inspector to be impracticable to comply literally with any requirement of these Rules, he shall refer the matter through the Assistant Marketing Officer to the Officer I/C Marketing and the Officer I/C Marketing may on such reference if he thinks fit dispense with the observance of such requirement.
- 154. (1) Every dealer in weights, measures, or weighing or measuring instruments shall apply in Form A-I to the Officer I/C Marketing for registering his name and address. The Officer I/C Marketing shall after registering the applicant's name issue a certificate to him in Form B-I. Such dealer shall forthwith inform the Officer I/C Marketing of any change in the address so registered.
- (2) Every repairer of weights, measures, or weighing or measuring instruments, shall apply in Form A to the Officer I/C Marketing for registering his name and address. The Officer I/C Marketing shall on assuring himself that the applicant is a competent repairer and possesses a regular workshop and tools, register his name and address in his office, and issue a certificate in Form B. Such registered repairer shall inform the Officer I/C Marketing forthwith of any change in the address so registered.
- (3) The Officer I/C Marketing may refuse, suspend or cancel the registration of any dealer in, or repairer of weights, measures, or weighing or measuring instruments on the ground of want of proper and adequate workshop facilities or staff or incompetency or failure to observe any of the provisions of the Act or these Rules.
- 155. Separate registers of registered dealers and repairers shall be maintained by the Officer I/C Marketing in Form C.
- 156 An appeal from any decision under sub-section (1) of section 21 shall lie within two months from the date of such decision.
- 157. (1) Every Inspector shall keep and maintain such books and use such forms in connection with his work as may be laid down by the Officer I/C Marketing.
- (2) The books and forms mentioned in sub-rule (1) above shall be supplied to the Inspector by the Officer-in-Charge Marketing.
- 1581 (1) Weighing finstruments used by the following classes of traders shall be beam-scales of either Class A or Class B or such instruments other than beam-scales as satisfy the requirements of Table XV and no instruments shall be verified, reverified or stamped by Inspectors if they are not instruments of the kind specified in this subrule:—
 - Gold and silver merchants, jewellers and bullion dealers.
 - (ii) Dealers in precious metals and precious stones,
 - (iii) Retail chemists and druggist,
 - (iv) Dealers in perfumery,
 - (v) Any other class of traders as the Officer I/C Marketing may specify.
- (2) Beam-scales used by the following classes of traders shall be either of Class A, Class B or Class C and no beam-scales shall be verified, reverified or stamped by Inspectors if they do not belong to one of these classes:—
 - (i) Retail and wholesale dealers in base metals.
 - (ii) Retail and wholesale dealers in tea, coffee, tobacco and cotton.
 - (iii) Retail and wholesale dealers in ghee, spices and butter.
 - (iv) Any other class or classes of traders as the Officer I/C Marketing may specify.
- (3) Tola weights used by the classes of traders mentioned in sub-rule (1) shall be bullion tola weights, and no tola weights shall be verified, reverified or stamped by Inspectors if they are not bullion tola weights.

By order

A. SEN

Chief Secretary to the Government of Ajmer

FORM-A

The Officer-in-Charge Marketing, Ajmer State.

(Application for registration as a manufacturer/repairer of weights measures or weighing or measuring instruments).

'(Rule 21/154(2) of the Ajmer State Weights and Measures Rules, 1954)

I/We desire to be registered as a manufacturer/repairer/manufacturers/repairers of (a) weights (b) measures, and (c) weighing or measuring instruments.

- 3. I/We shall comply with the provisions of the Punjab Weights and Measures Act, 1941, and the Rules made thereunder.
- 4. I/We may be permitted to substitute my/our trademark/monogram for my/our name to be marked on each weight/measure/weighing or measuring instrument, to be manufactured by me/us.
 - 5. The trademark/monogram will be as under:—

| | 6. My/Our full | particulars a | re as under :- | |
|----|----------------------------------|---------------|----------------|-------------|
| | Name | Parentage | Casto | Residence |
| ۱. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| | | | | |

Signature of applicant with date

Note.—(1) If the applicant is a firm, give its name and the names of all the partners under paragraph

- 6. The application may be signed by the managing partner alone.
- (2) Paragraphs 4 and 5 do not apply to repairers.
- (3) Score out the portions not relevant to the application.

FORM A-I

To.

The Officer-in-Charge, Marketing Officer,

Ajmer State, Ajmer.

(Application for registration as a dealer in weights, measures or weighing or measuring instruments)

(Rules 154(1) of the Ajmer State Weights and Measures Rules, 1954)

- I/We desire to be registered as a dealer/dealers in (a) Weights, (b) measures, (c) weighing or measuring instruments.
- 2. My/Our shop is located at............Post office/Police Station......Tehsil...........District.......
 - 3. My/Our full particulars are as under :-

| | Name | Parentage | Caste | Residence |
|----|-------------|-----------|-------------|-------------|
| ı. | | | | |
| 2. | ···· | | | |
| 3, | | | | |
| 4. | | | | |
| | | | | |

Signature of applicant with date

Note.—If the applicant is a firm, give its name and then names of all its partners under paragraph 3. The application may be signed by the managing partner alone.

FORM 'B'

Office of the Officer-in-Charge, Marketing Officer, Ajmer State, (Ajmer)

Certificate to a Manufacturer/Repairer of weights, measures or weighing or measuring instruments

(Rule 22/154(2) of the Ajmer State Weights and Measures Rules, 1954)

No..... Year....

| 1 ILE GAZETTE OF THE | DIA, DECEMBER 20, 1804 (TAXI III 550. 5 |
|---|--|
| 1. Certified that | the shop being located at Post office/Police station |
| II. Every condition prescribed after the issue of this certificate shall, if notified Gazette, be binding on the person to whom the certificate has been granted. FORM B-I Office of the Officer I/C Marketing, State of Ajmer, Ajmer Certificate to a dealer in weights, measures, or weighing | (4) comply with any general or special directions that may be given by any officer competent to give the same, and (5) surrender the certificate if and when required so |
| (Rules 154(1) of the Ajmer State Weights and Measures Rules, 1954) No | II. Every condition prescribed after the issue of this certificate shall if notified in the Official Gazette, be binding on the person to whom the certificate has been granted. The condition of the person to whom the certificate has been granted. The condition prescribed after the issue of this certificate is the behinding on the person to whom the certificate has been granted. The condition prescribed after the issue of this certificate shall if notified in the Official Gazette, be binding on the person to whom the certificate has been granted. |
| | to be Trade mark or Orders regarding Result Remarks monogram allowed cancellation of cer- of appeal |
| 1 5 8 | δ 6 7 8 9 |

Note.—(1) In the case of a firm, its name with the names of all its members should be given in column No.

TABLE I

Secr and Maund Weights
(See Rule 133)

TABLE IV Avoirdupors Weights (See Rule 133)

| Error in excess only Iron Other than weights iron weights | | Seer and maund weights | | Inspection Error in deficiency | | | | | | |
|--|--|---|--------|---|--------|--|---|---|---|--------|
| | | | | | | | | | | |
| | | 84 48 30 20 15 13-5 12 8 4 4 | grains | 42 24 15 10 7·5 6·75 6 4 3 2 2 1 0·5 0·5 | grains | 10 5 3 21 2 1 1/8 1/16 1/32 2 | maun scers ',' ',' acor ',' tolas | d Error in excess same as on verifi- oation. | 42 24 15 10 7.8 6.75 6 4 2 2 | grains |

| ablaeri | fication | | | Ins | pection |
|--|---|---|--|--|--|
| Error in | excess only | Avoir- | • | Error in | deficiency |
| Iron Other than veights iron weights | | e dupois | • | Other than iron weights | |
| 100 grains 60 755 40 30 24 720 16 14 712 8 74 74 74 77 | 50 grains 30 27·5 , 20 12 10 8 6 4 3 2 1 grain 0·5 ,, | 100 lbs. 56 ,, 50 ,, 28 ,, 20 ,, 14 ,, 10 ,, 7 ,, 5 ,, 4 ,, 2 ,, 1 lb. 8 oz. 4 ,, 2 & 1 ,, 8 drs. to 1/2 dram | Error in excess same as on verifi- cation. | 50 grains 30 27.5 20 15 10 8 7 6 2 2 2 2 2 | 25 grains 15 75 10 75 6 75 4 75 11 15 11 10 11 10 11 10 11 10 11 11 11 11 11 |

Table II
(Bullion Tola Weights)
(See Rule 133)

| Table V | | | | | |
|------------------|---------------|--|--|--|--|
| Imperial (See | Grain Rule | | | | |

| | Verification | _ | Inspection |
|----------------------|--------------------------|--------------|------------------------|
| Denomination | Errors in excess only | | Error in deficiency |
| 2,000 Tolas | 6 grains | Error | 3 grains |
| 1,000 ,, | 5 ., | \mathbf{m} | 2·5 ,, 2 ,, 2 ,, |
| 500 ,, | 4,, | охоевы | ž ,, |
| 300' ,, | 4 ,, | er ou | 2,, |
| 200 ,, | | verifi- | 1 ,, |
| 100 ,, | l_ grain | cution. | ·5 fram |
| 50 ,, | · <u>7</u> ,, | | .35 |
| 80 ,, | · <u>7</u> ,, | | .35 ,, |
| 20 ,, | 5 ,, | | 25 ,, |
| 10 ,, | · 4 ,, | | 2 ,, |
| δ ", | ٠3 ,, | | -15 ,, |
| 4 ,, 3 ,, 2 ,, | ·25 ,, | | 125 ,, |
| 3,, | 2. ,, | | ·1, |
| | -15 ,, | | ·075 ,, |
| I tolu | ·1 ,, | | 05 ,, |
| <u> </u> | ٠١ ,, | | ·05 ,, |
| , ,, | -1 ,, | | •05 ,, |
| 1/8 ,, | • 05 ,, | | -025 ,, |
| 1/16 ,, | · 05 ,, | | 025 ,, |
| l Val | -02 ,, | | •01 |
| ∔ | -02 ,, | | 01 ,, |
| ł " | ·01 ,, | | .005 |

| Verification Ecror in excess only | | — Denomination grain | | Error in deficiency | |
|------------------------------------|------|-----------------------------|-----------------|---------------------|---|
|)·5 | gram | 4000 2000 | Error | 0 · 25 | grain |
| 0 2 | | 1000 500 | ın | 0.1 | ٠,, |
| 0 · 1 | ,, | 300, 240, 200, 120, 100 | excess | 0.05 | |
| 0 05 | ,, | 72, 60, 50, 48, 30, 24, 20, | \mathbf{same} | 0.025 | * * |
| | | 10, 12, 10 | 88 OR | | |
| $0 \cdot 02$ | ** | 8, 6, 5, 4, 3 | verifi- | 0.01 | |
| 0.01 | ,, | 2, 1, 6, 5 | cation. | 0.005 | 1) |
| 0.005 | 7.5 | •3 | | 0.0025 | ,, |
| 0.002 | ,, | ·25, ·2, ·1 | | 0.001 | • |
| 0.001 | ,, | 06, 05, 03, 02, 01 | | 0.0005 | ,, |

Table III
Rati Weights
(See Rules 133)

| TABLE VI |
|----------------------|
| Apothecaries Weights |
| (See Rule 133) |

| Verification Error in excess only | | Denomination Apothecaries weights | | Inspection Error in deficiency | | |
|------------------------------------|---|-----------------------------------|---|--------------------------------|--------------------|--|
| | | | | | | |
| 0·02 0·01 | " | 5, 4, 3 grains 2, 1, ½ grains | _ | 0.008 0.008 | *; *; *; | |

| Denomination Error in excess only Error in deficience | tion |
|---|--|
| 120 ,, | |
| 1/8 , | 70 71 77 77 77 77 77 77 77 77 77 |

TABLE VII
Dry Measures of Capacity
(See Rule 133)

| Verification | Denomination | Inspection |
|--------------------------------|------------------|------------------------------|
| Error in excess only | Denomination | Error in deficiency |
| 25 cubic inches | 2 maunds | Error 124 cubic inches |
| 16 ,, ,, | 3/4 ,, | in excess 8 ,, ,, |
| 15 ,, ,, | 1/2 ,, | same as 71 ,, ., |
| 13 ,, ,, | 1/4 ,, | allowed $6\frac{1}{4}$,, ,, |
| 11 ,, ,, | 1/8 ,, | on veri- 51 ,, ,, |
| 8 ,, ,, 21 ,, ,, 2 ,, ,, | 1/16 , and 2 are | fication. 4 ,, ,, |
| 3] ,, ,, | l ar. or, adholi | 1 4 ,, ,, |
| | 1/2 seer | I cubic inch |
| 1 cubie inch | 1/4 ,, | 1/2 ,, ,, |
| 3/4 ,, ,, | 1/8 ,, | 1/4 ,, ,, |
| 1/2 ,, ,, | 1/16 ,, | 1/4 ,, ,, |
| 1/4 ,, ,, | 1/32 ,, | 1/8 ,, ,, |

Table VIII Liquid Measures of Capacity (Seers and Maunds) (See Rule 133)

| | Verification | | | | | Inspection | |
|--|--------------------|--|---|---|---|---|--|
| | Error in excess or | nly | Capacity | | | Error in Deflete | ncy |
| Ordinary | Conical Metal | Enamelled Motal, Glass & Earthen- ware | of Measure to the Graduation tested | | Ordinary | Conical Metal | Enamelled Metal Glass & Earthen ware |
| 4 fl. ozs. 3 ,, 2 ,, 1 ,, 4 fl. dr. 3 ,, 2 ,, 1 ,, 2 ,, 1 ,, 20 Min. | 2 fl. ozs. 1 | 8 fi. oza. 6 ,, 4 ,, 2 ,, 1 ,, 4 fl. dr. 2 ,, 1 ,, 2 ,, 2 ,, 1 ,, 3 ,, 20 Min. | 20 & 30 seers 20 & 10 seers 8 to 4 seers 2 seers. & 1 seer 1,7,1,16,7,1,164,7,1,164,7,1,164 | Error in excess same as on verification | 2 fl. ozs. 1 ', 4 fl. dr. 2 ', 1 ', 1 ', 4 fl. dr. 2 ', 1 ', 1 ', 1 ', 1 ', 1 ', 15 Min. | 1 fl. ozs. 4 fl. dr. 2 ,, 1 ,, 1 ,, 15 Min. ozs. | 4 fl. ozs. 3 '' 2 '' 4 fl. dr. 2 '' 1 fl. dr. 1 '' 15 Min. dr. 10 '' |

TABLE IX

Liquid Measures of Capacity Liquid Dram and Peg

Table X

Imperial Apothecaries Graduated Glass Measures

(See Rule 133)

| (See Rule 137) | | | Approximate internal | Verification on Inspection Errors in excess or deficiency | | |
|-----------------------------|-------------------------|--|---|--|--------------------------------------|--|
| | | | diameter of measure at , the graduation tested | | | |
| Verification | Denomination | <u>Inspection</u> | , | Cylindrical & Conical Shape | Glass Flasks & Burettes | |
| error in excess only | | E ror in Deficiency | Inches | Minims, 25 | Minims, 12 1 | |
| i fl. Crs. i ,, 1 ,, 2 ,, 3 | 1 drams 1 1 ,, 2 4 ,, | Error 15 Min. in excess 15 ,, same } fl. drs. as on 1 ,, verifi- 1; ,, | 31 3 21 2 11 11 11 | 21 18 14 11 9 7 6 | 101 9 7 51 41 31 3 | |
| 6 ,, dram 1 ,, | 8 ., 1/2 peg 1 ., | cation 3 ,, 15 min. 1/2 dram. | 7/8 3/4 5/8 1/2 | 3 2 1 1/2 | 1 | |

TABLE XI Imperial Liquid Measures of Capacity (Gallons) (See Rule 133)

| | Verification | | | | | Inspection | | | |
|--|------------------------------------|-------------------------|---|--|--|---|---|-----------------------|---|
| Ordinary | Conical Motal | Milk Churns | Enamelled Metal, Glass and Earthen ware | Capacity of Measures to the graduation tested | | Ordinary | Conical Metal | Milk Churns | Enamelled Metal, Glass and Earthen- ware |
| 15 fl. ozs. 10 ,, 5 ,, 2 ,, 1 ,, 4 fl. drs. 3 ,, 2 ,, 1 ,, | 5 fl. ozs. 2½ ,, 1 ,, 4 fl. drs. 2 | 20 fl. ozs. 10 ,, ,, | 4 fl. ozs. 2 ,, 1 ,, 2 ,, 1 ,, | 64 gall. to 33 gall. 32 gall to 30 gall. under 20 gall. to 8" under 8 gall to 4 gall. 3, 2, & 1 gall. Half gallon & Quart. Pint. Half-Pint. Gill. Half-gill. | Error in ex- cess same as on verifi- cation. | 7½ fl. ozs. 5 2½ '' 1½ '' 4 fl. drs. 2 '' 1½ '' 1, '' 1, '' 1, '' 15 Min. | 2½ fl. ozs. 1½ 0 fl. drs. 4 1, 2 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, | 10 fl. ozs. 5 ,, 3 ,, | 2 fl. ozs. 1 fl. drs. 2 fl. ozs. 1 fl. drs. 2 '' 15 Min. |

Norm—For each additional 20 gallons or fraction thereof in the case of ordinary types of measures, an additional 5 fl. ozs. shall be allowed in the case of error in excess on vertification and half of that in the case of deficiency on inspection.

TABLE XII Petrol Pumps (See Rule 133)

| Verification Error in excess only. | Capacity | | Inspection Error in Deficiency |
|--|--|--|--------------------------------|
| 15 fluid ozs, 10 ,, 5 ,, 3 ,, 1 ,, | 64 gals. to 33 galions. 32 ,, 20 ,, Under 20 gals. to 8 gals. Under 8 gals. to 4 gals. 3, 2 gals and 1 gallon. | Error in excess same as on verification, | 7½ fluid oze. 5 |

Table XIII Measures of Length (See Rule 133)

| | Verification | | | | | Insp | oction | |
|----------------------|-----------------------------|------------------------------------|------------------------------|---|----------------------|------------------------------|-----------------------------------|---------------------------------------|
| Error (ii | n parts of an | inch) | | | Err | or (in parts o | f an inch) | |
| End meas | sures | Line mos | вапьев | December 1 | End m | евапгев | Line m | loasures |
| Long or in excess | Short or m deficiency | Long or in excess | Short or in deficiency | Donomination | Long or in excess | Short or in deficiency | Long or in excess | Short or in deficiency |
| | | 0·3 0·2 0·05 | $0 \cdot 2$ | Metal 100, 50 ft. 33 ft. 20, 10 ft. 9, 8, 7, 6, 5, 4 ft. 66, 54, 42 in. | •• | | 1·2 0·8 0·2 | $1 \cdot 2 \\ 0 \cdot 8 \\ 0 \cdot 2$ |
| 0.03 | 0.015 | 0.02 | 0.01 | 3 feet (yard) 2 ft. 1 feet 30, 18 inches. | 0.12 | 0.06 | 0.08 | 0.04 |
| 0.01 | 0.01 | 0·005 0·6 0·4 0·1 0·04 | 0·6 0·4 0·1 0·02 | Under 1 foot. Other than metal 100,50 feet. 33 ft. 20, 10 feet 9, 8, 7, 0, 5, 4, ft 66, 54, 42 in. 3 feet (yard) 2 ft. foot. 30, 18 inches. | 0.04 | 0·04 0·12 | 0·02 2·4 1·6 0·4 0·18 | 0·008 2·4 1 0·4 0·08 |
| 0.02 | 0.02 | 0.01 | 0.004 | Under 1 foot | 0.082 | 0.08 | 0.04 | 0.01 |

The allowances for error on "end" measures above 3 feet may be the same as those tolerated for 'line' measures.

Table XIV Beam—Scales—Class A (See Rules 45 and 133)

| Verification | | | I | Inspection | | |
|--------------------------------------|---|---------------------------------------|------------------------------------|---|--|--|
| ensitiveness when fully loaded | Greatest error allowed either in excess or deficiency when fully loaded | Capacity | Sensitiveness when fully loaded | Createst error allowed either in excess or deficiency when fully loaded | | |
| 7.05 grains | 0·1 grains | 1 oz. or 1/32 sr. | 0-15 grains | 0·2 grain | | |
| 0·1' ,, 0·5 ,, | $\begin{array}{cccc} 0\cdot 2 & & \\ 1\cdot 0 & & \\ \end{array}$ | 1 lb. or 1 seer 7 lbs. or 31 seers | 0·3 ,, 1·5 ,, | $0\cdot 4$,, $2\cdot 0$ | | |
| 1.5 | 2.0 ,, | 56 lbs. or 28 seers | 4.5 ,, | 4.0 grains | | |
| ·03 ,, | -06 ;; | doz.or l total | -09 ", | ·12 grain | | |
| ·03 ', ·015 ,, ·006 ,, | -03 ,, | l oz. or l tola | -045 ,, | 06 ,, | | |
| ·00B ,, | -012 ,, | $1/8$ oz. o $\hat{\epsilon}_{4}$ tola | .018 | .024 | | |

TABLE XV

Beam-Scales (Class B) and other weighing instruments
(See Rules 45 and 133)

| . V | erification | | Inspection | | | | |
|--|-----------------------------|--|---|--|--|--|--|
| Sensitiveness Greatest error when fully allowed either loaded in excess or in deficiency when fully loaded | | Capacity | Sensitiveness when fully loaded | Greatest error allowed either in oxcess or in defi- ciency when fully loaded | | | |
| 1/8 grain 11/35 19/35 1 1 3 4 6 8 11 25 1½ drams 2½ 3 4½ 6 6 9 1½ 16 10 1 | 1/5 grain 11/35,, 19/35,, 1 | 1 oz. or 1/2 seers 3 ,, 1/16 4 ,, 1/8 8 ,, 1/4 1 lb. or \(\frac{1}{4}\), ,, 211bs.,, 1 41 2 7 ,, 3\(\frac{1}{4}\), ,, 10 5 14 7 20 10 28 14 50 ,, 28 1 cwt. or 1\(\frac{1}{4}\) maunds 2 3 3 4 4 5\(\frac{1}{4}\), , 5 7 6 8 7 ,, 10 8 ,, 11 9 12\(\frac{1}{4}\), , 10 14 15 21 20 28 30 41 \(\frac{1}{4}\), oz. or 1 tola \(\frac{1}{4}\), \(\frac{1} | 3/5 grains 33/35 122/85 3 4 9 12 18 24 33 45 75 4½ drams 7½ 10½ 12 13½ 15 16½ 18 19½ 27 34½ 3 grain -15 | 2/5 grains 22/35 ,, 1·3/35 ,, 2 ,, 2 ,, 4 ,, 8 ,, 12 ,, 18 ,, 24 ,, 80 ,, 5 drams 7 ,, 9 ,, 11 ,, 13 ,, 15 ,, 17 ,, 19 ,, 21 ,, 23 ,, 33 ,, 43 ,, 63 ,, -2 grain -1 ,, 06 ,, | | | |

TABLE XVI Beam-Scale-Class C (See Rules 45 and 133)

| | Verification | | Inspection | | |
|--|---|---|--|--|--|
| Sensitiveness when fully located | Greatest error allowed in excess or in deficiency when fully loaded | Capa its | Sositiveness when fully loaded | Greatest error allowed either in excess or in deficiency when fully loaded | |
| 1 | 2 | 3 | 4 | Ď. | |
| 3/5 gr. 33/35 ,, 1·22/35 ,, | 3/5 gram 33/35 ;, 1·22/35 ,, | l oz. or 1/32 seer 2 ozs. ,, 1/16 ,, 4 ,, ,, 1/3 ,, | 1·4/5 gr. 2·29/35 gr. 4·31/35 ., | 1·1/5 grain 1·31/35 ,, 3·9/35 ,, | |
| 3 grs. | 3 grains | 8 ,, ,, J/4 ,, | 9 grs. | 6 grains | |
| 3 ,, 41 ,, | 3 ,, 6 ,, | 1 lb.,, 1/2 ,, 2 lbs,, 1 ,, | 9 ,, 13½ ,, | 6 ,, 12 ,, | |
| 9 ,, | 12 ,, | 4 ,, ,, 2 ,, | 27 ,, | 24 ,, | |
| 12 , 18 , | 18 ,, 27 ,, | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | 36 ,, | 36 ,, 54 | |
| 24 ,, | 36 ,, | 10 ,, ,, 5 ,, 14 ,, ,, 7 ,, | 54 ,, 72 ,, | 79 | |
| 23 ., | 48 ,, | 20 ,, ,, 10 ,, | 99 ,, | 96 | |
| 45 ., | 66 ,, | 28 ,, ,, 14 ,, | 135 ,, | 132 | |
| 75 ,, | 120 ,, | 56 ,, ,, 28 ,, | 225 ,, | 240 ,, | |
| 41 drams | 7½ drams | 1 cwt ,, 1 maund | 13½ drs. | 15 drs. | |
| 7 <u>1</u> ., | 101 ,, | 2 ,, ,, 3 ,, | 1 oz 6½ | 1 oz 5 ,, | |
| 9 ,, | 131 ,, | 3 ,, ,, 4 ,, | 1 ,, 11 ,, | 1 ,, 11 ,, | |
| 101 ,, | 16 1 ,, | 4 ,, ,, 5¼ ,, | 1 ,, 164 ,, | 2 ozs 1,, | |
| 12 ,, | 1 oz. 31 drs. | 5 ,, ,, 7 ,, | 2 ,, 4 ,, | 2 ,, 7 ,, | |
| 131 ,, | 1 ,, 6} ,, | 6 ,, ,, 8 ,, | $\frac{2}{2}$,, $\frac{81}{4}$,, | 2 ,, 13 ,, | |
| 15 ,, | $1, 9\frac{1}{2},$ | 7 ,, ,, 10 ,, | 2 ,, 12 ,, | 3 ,, 3 ,, | |
| 161 ,, | 1 ,, 12 ¹ ,, | 8 ,, ,, 11 ,, | 3 ,, 11 ,, | 3 ,, 9 ,, | |
| 1 oz 2 dram | | 9 ., ,, $12\frac{1}{4}$,, | 3 ,, 6 ,, | 3 ,, 15 ,, | |
| 1 , 31 , | 2 ,, 21 ,, | 10 ,, ,, 14 ,, | 3 ,, 101 ,, | 4 ,, 5 ,, | |
| 1 ,, 11 ,, | 3 ,, 11 ,, | 15 ,, ,, 21 ,, | 5 ,, 1 dr. | 6 ,, 3 ,, | |
| 2 ,, 21 ,, | 4 ,, 1 dr. | 20 ,, ,, 28 ,, | 6 ,, 7½ drs. | 8 ,, 1 ,, | |
| 3 ,, l] ,, | 5 ,, 144 drs. | 30 ,, ,, 41 ,, | 9 ,, 4] ,, | 11 ,, 13 ,, | |

Table XVII

Beam Scales—Class D

(See Rules 45 and 133)

| Verification | | Insp | ection | | |
|---|---|-------------------------|--|--|--|
| Bensitiveness Greatest error allowed either in excess or in deficiency when fully loaded | on allowed either oaded in excess or in deficiency when | | Greatest error allowed either in excess or in deficiency when fully loaded | | |
| 3 grs. 3 grs. | 1 oz. or 1/32 ars. | 9 grs. | 6 grs. | | |
| 5 ,, 5 ,, | 2 ozs. ,, $1/16$,, | 15 ,, | 10 ,, | | |
| 8 ,, 8 ,, | 4 ,, ,, 1/8 ,, | 24 | 16 ,, | | |
| 15 ,, 15 ,, | 8 ,, ,, 1/4 ,, | 45 ,, | 30 ,, | | |
| 15 ,, 15 ,, | 1 lb. ,, 🛔 ,, | 45 ,, | 30 ,, | | |
| 221,, 30 ,, | 2 lbs. ,, 1 ,, | ·671 | 60 ,, | | |
| 45 ,, 60 ,, | 4 ,, ,, 2 ,, | 135 ,. | 120 ,, | | |
| 60 ,, 90 ,, | 7 ,, ,, 3\frac{1}{4} ,, | 180 ,, | 180 ,, | | |
| 90 ,, 135 ,, | 10 ,, ,, 5 ,, | 270 | 270 ,, | | |
| 120 ,, 180 ,, | 14 ,, ,, 7 ,, | 360 ,, | 360 ,, | | |
| 6 drs. 84 drs. | 20 ,, ,, 10 ,; | 1 oz. 2 drs. | l oz. l i drs. | | |
| 8 ,, 12 ,, | 28 ,, ,, 14 ,, | 1 ,, 8 ,, | 1 ,, 8 ,, | | |
| 14 ,, 1 oz. 6 ,, | 56 ,, ,, 28 ,, | 2 ozs. 10 " | 2 ozs. 12 ", | | |
| 1 oz. 5½ ,, 2 ozs. 5½ ,, | 1 cwt. ,, $1\frac{1}{2}$ mds. | 3 ,, 15 1 ,, | 4 ,, 11 ,, | | |
| 2 ozs. 51 ,, 3 ,, 41 ,, | 2 ewts. ,, 3 ,, | 7 ,, 1 dr. | 6 ,, 9 ,, | | |
| 2 ,, 13 ,, 4 ,, 31 ,, | 3 ,, ,, 4 ,, | 8 ,, 7 drs. | 8 ,, 7 ,, | | |
| 3 ,, 41 ,, 5 ,, 21 ,, | 4 ,, , $5\frac{1}{2}$,, | 9 ,, 134 ,, | 10 ,, 5 ,, | | |
| 3 , 12 , 6 , 11 ,, | 5 ,, ,, 7 ,, | 11 ,, 4 ,, | 12 ,, 3 ,, | | |
| 4 21 7 1 dr | 6 ,, ,, 8 ,, | 12 , 101 ,, | l4 ,, l dr. | | |
| 4 11 7 151 dra | 7 ,, ,. 10 ,, | 14 ,, 1 dr. | 15 ,, 15 drs. | | |
| r. 01 Q 141 | 8 ,, ,, 11 ,, | 15 ,, 7½ dre. | 1 lb. 1 ⁸ ozs | | |
| r 10 0 191 | 9 ,, ,, 121 ,, | 1 lb. 🗸 oz. | 1 ,, 31 ,, | | |
| a 11 10 191 | 10 ,, ,, 14 ,, | $1, 2\frac{1}{2},$ | 1 , 51 , | | |
| 9 7 15 71 | 15 ,, ,, 21 ,, | 1 , 9 , | 1 ,, 15 ,, | | |
| 10 101 1 lb 41 029 | 20 ,, ,, 28 ,, | 2 lbs. 1 | 2 lbs. 81 ,, | | |
| 10° , $12_{\frac{1}{2}}$, 1 lb. $13_{\frac{1}{2}}$, 1 lb. $13_{\frac{1}{2}}$, | 30 ,, ,, 41 ,, | 2 , 141 , | 3 ,, 11 ,, | | |

TABLE XVIII

Counter Machines

(See Rule 133)

| Verific | ation | | | | | |
|---|---|---------------------|---|---|--|--|
| Holding capacity Sensitive- (loose ness material) when of balan- cing box loaded shall not exceed % of capacity | Greatest error allowed in excess or in defici- ency when fully loaded | Capacity of machine | Sensitive- ness when fully loaded | Greatest error allowed in excess or in defici- ency when fully loaded | Minimum amount of "fal!" otther way | |
| 2.56 drs. 20 grains | 30 grains | 1 lb. or 1 seer 6 | 0 grains | 60 grains | 1/4 inch | |
| 5-12 ,, 28 ,, | 11 drams | | drams | 3 drams | 1/4 ,, | |
| 10.24 ,, 40 ,, | 2 ,, | | 4] ,,* | 4,, | 1/4 ,, | |
| l oz. 1·92 ., 2 ., | 8,, | | 6 ,, | 6 ,, | <i>5</i> /16 ,, | |
| 1,, 9.6 ,, 2½ drams | 3 <u>1</u> ,, | | 7± ,, | 7,, | 3/8 ,, | |
| 2 ozs 3·84 ,, 3 ,, | 4 1 ,, | 14 ,, ,, 7 ,, | θ ,, | 9 ,, | 3/8 ,, | |
| 8,, 3.2, 3.3/7, | $5\cdot 1/7$,, | | -2/7 ,, | 10 · 2/7 | 3/8 ,, | |
| 4 ,, 7.68 ,, 4 ,, | 6 ,, | 28 ,, ,, 14 ,, | 12 ,, | 12 ,, | 3/8 ,, | |
| 6 , 6.4 , 4.6/7 , | 7-2/7 ,, | 40 ,, ,, 20 ,, 14 | · 4/7 ,, | 14.4/7 ,, | 7/16 ,, | |
| 8 ,, 15 36 ,, 6 ,, | 9 ,, | • | 18 ,, | 18 ,, | 7/16 ,, | |
| 13 ,, 7.04 ,, 7 ,, | 12 1 ,, | ,, ., | 21 ,, | 25 ,, | 1 ,, | |
| 17 ,, 14-72 ,, 8 ,, | 16 | | 24 | 32 | - " | |

^{*} 3.07188 drams exactly. † 4.3884 drams exactly.

TABLE XIX

Note.—The following tables of allowances for Spring Balances are calculated on the basis laid down in Rule 120. Spring Balances (See Rule 133)

| Range of adjust- | Weight corresponding to interval between | Minimum diameter of effective | Compaite | Verification | Inspection | |
|---|---|--|---|---|--|--|
| ment on adjustable indicator shall not exceed 1 % of capacity | consecutive gradua- tions must not exceed | circle on dial of one revolution allowing a blank space of \$\frac{2}{a}\circ\text{ at end of graduations} | Capacity | Maximum error | Maximum error ' | |
| 2.56 drams 5.12 ,, 10.24 ,, 12.8 ,, 15.36 ,, 1 oz. 1.92 ,, 1 ,, 9.6 ,, 1 ,, 14.72 ,, 2 ozs. 3.84 ,, 2 ,, 6.4 ,, 8 ,, 3.2 ,, 3 ,, 13.44 ,, 4 ,, 0.0 ,, 4 ,, 7.68 ,, 4 ,, 12.8 ,, | = | 2.8 inches 2.8 ,, 5.33 ,, 6.6 ,, 7.88 ,, 9.15 ,, 6.6 ,, 7.88 ,, 9.15 ,, 9.8 ,, 6.6 ,, 7.88 ,, 9.15 ,, 9.8 ,, width a part of the graduati | 1 Ib. or ½ seers 2 lbs. ,, 1 ,, 4 ,, 2 seers 5 ,, 2½ ,, 6 ,, 3 ,, 7 ,, 3½ ,, 10 ,, 5 ,, 12 ,, 6 ,, 14 ,, 7 ,, 15 ,, 7¼ ,, 20 ,, 10 ,, 24 ,, 12 ,, 28 ,, 14 ,, 30 ,, 15 ,, ons shall not be loss than 1. | 30 grains 1½ drams 2 ,, 2 · 1/3 ,, 2 · 2/3 ,, 3 ,, 3 ,, 4 ,, 4 ,, 4 · 17/28 ,, 5 · 4/7 ,, 5 · 1/7 ,, 5 · 19/28 ,, 6 · 3/14 ,, (16th of an inch. | 60 grains 3 drams 4 4 · 2/3 5 · 1/3 6 7 8 9 9 · 3/14 10 · 2/7 11 · 1/7 12 12 · 3/7 | |
| 6.4 ozs. 8 8.96 9.6 1 lb. 0.0 1 , 1.92 1 , 3.2 1 , 6.4 1 , 8 1 , 9.6 2 , 3184 2 , 8 2 , 12.8 3 , 0.0 3 , 5.76 3 , 8.0 4 , 7.68 5 , 0.0 5 , 9.6 6 , 0.0 10 , 0.0 11 , 0.0 | 2 ozs. 2 " 2 " 8 " 8 " 8 " 8 " 8 " 1 lb. 1 " 1 " 1 " 2 lbs. 2 " 2 " | 12.97 inches 16.16 ,, 18.07 ,, 19.34 ,, 8 2 ,, 9.15 ,, 9.79 ,, 11.38 ,, 12.18 ,, 12.97 ,, 8.2 ,, 9.15 ,, 10.19 ,, 11.38 ,, 12.18 ,, 13.61 ,, 14.17 ,, 8.2 ,, 9.15 ,, 9.15 ,, 10.19 ,, 11.38 ,, 12.18 ,, 13.61 ,, 14.17 ,, 8.2 ,, 9.15 ,, 9.2 ,, 10.19 ,, 11.38 ,, 12.18 ,, 8.2 ,, 9.15 ,, 9.2 ,, 9.2 ,, 9.2 ,, 9.2 ,, 9.2 ,, 9.2 ,, 9.2 | 40 lbs. or 20 seers 50 ,, 25 , 56 ,, 28 ,, 60 ,, 30 ,, 100 ,, 49 ,, 112 ,, 55 ,, 120 ,, 59 ,, 140 ,, 68 ,, 150 ,, 73 ,, 160 ,, 78 ,, 160 ,, 78 ,, 120 ,, 68 ,, 150 ,, 73 ,, 160 ,, 78 ,, 120 ,, 98 ,, 200 ,, 98 ,, 224 ,, 110 ,, 250 ,, 122 ,, 280 ,, 137 ,, 300 ,, 146 ,, 336 ,, 164 ,, 350 ,, 171 ,, 400 ,, 195 ,, 448 ,, 218 ,, 450 ,, 219 ,, 500 ,, 244 ,, 560 ,, 273 ,, 600 ,, 292 ,, 800 ,, 390 ,, 1000 ,, 488 ,, | | A weight corresponding to half of the interval between consecutive graduations. | |

Table XX
Steel Yards

| (See | Rule | 133) |
|------|------|------|
| | | |

| | | Varification | | | | | Ine | pections | |
|-------------------------|-----------------|---|------|----------|--------|------|---------------------------------|------------|---|
| Sensitive when fully | eness Ioaded | Greatest error allowed in excess or in deficiency when fully loaded | | Capacity | | Ser | sitiveness when fully loaded | or in defl | or allowed in excess ciency when fully aded |
| oz. | drs. | ozs. | drs. | lbs. or | seers. | oze. | drs. | OZS. | drs. |
| | 12 | | 18 | 56 | 28 | 2 | 4 | 2 | 4 |
| | 14 | | 25 | 84 | 41 | 2 | 10 | 3 | 2 |
| 1 | | 2 | | 112 | 55 | 3 | | 4 | |
| 1 | 3 | 2 | в | 150 | 73 | 3 | 9 | 4 | 12 |
| 1 | в | 2 | 12 | 200 | 98 | 4 | 2 | 5 | 4 |
| 1 | 10 | 3 | 4 | 250 | 122 | 4 | 14 | 6 | 8 |
| 2 | | 4 | | 300 | 146 | 6 | | 8 | |
| 2 | | 4 | | 350 | 171 | 6 | | 8 | |
| $2\frac{1}{8}$ | | 4 <u>1</u> | | 400 | 195 | 64 | | 9 | |
| 21 | | 5 | | 450 | 219 | 71 | | 10 | |
| 22 | | 5} | | 500 | 244 | 8‡ | | 11 | |
| 31 | | 6 <u>1</u> | | 600 | 292 | 94 | | 13 | |
| 4 | | 8 | | 800 | 390 | 12 | | 16 | |

Table XXI

Dead Weight Machines

(For this purpose "Dead-Weight" includes contracted or unequal armed Coal machines)

(See Rules 133)

| | | , | Vetific | ation | | | | | Inspection | <u> </u> | ¬ |
|--|--------|----------------------------------|--|------------------------------|--------------------------------|---------------------------|--------------------|--|------------|--|-------------------------------------|
| Loose balancing material in box shall not exceed (3% of capacity) | | Sensitive- ness when fully | | Greatest error allowed | Weight required to bring | Co- | n ait - | Vibrating A | Aachines | Accelerating machines | Minimum fall |
| | | loaded | in excess in excess or or deficiency deficienc when when fully fully loaded loaded | | back the steel yard | Capacity of Machine | | Sensitive- ness when fully loaded | | Greatest error sllowed in excess or deficiency when fully loaded | 'amma u is n |
| Lb. | Oz. | Oz. | Oz, | Oz. | Oz. | Cwt. o | r Mds. | Oz. | Oz. | Oz. | |
| | 13.44 | 3 | 1 | 1 | 2 | 1 | 11 | 11 | 2 | 2 | Vibrating machines |
| 1 | 10.88 | ž | 11 | 11 | 3 | 2 | 3 | 21 | 3 | 3 | 5/8 inch both ways. |
| 2 | 8 · 32 | 1 | 2 | 2 | 4 | 3 | 4 | 3 | 4 | 4 | |
| 8 | 5.76 | 11 | 21 | 21 | 5 | 4 | 6 | 34 | 5 | 5 | |
| 4 | 3.2 | 11 | 3 | 3 | в | 5 | 7 | 41 | 6 | 6 | |
| 5 | 14.08 | 2 | 4 | 4 | 8 | 7 | 10 | 6 | 8 | 8 | Accelerating machine 7/8 inch on |
| 8 | 6.4 | 3 | 6 | 6 | 12 | 10 | 14 | 9 | 12 | 12 | way. |
| 10 | 1.28 | $3\cdot 2/\delta$ | 6-4/5 | 6 · 4/5 | 13 · 3/5 | 12 | 17 | 10.1/5 | 13 · 3/5 | 13.3/5 | |
| 12 | 9.6 | 4 | 8 | 8 | 16 | 15 | 21 | 12 | 16 | 16 | |
| 16 | 12.8 | 51 | 10 | 10 | 20 | 20 | 28 | 15 | 20 | 20 | |
| 25 | 3.2 | 6 | 13 | 13 | 26 | 30 | 41 | 197 | 26 | 26 | |
| 33 | 9.6 | 8 | 16 | 16 | 32 | 40 | 55 | 24 | 32 | 32 | |
| 42 | | 10 | 20 | 30 | 40 | 50 | 69 | 30 | 40 | 40 | |

TABLE XXII

Platform Machines

(See Rule 133)

Verifications

| | Range | of bal | anoing a | irrange | ment | | | | Vibrating Machines | | Accelerating Machines | | Platform machines fitted with dials |
|--|-------------------------|-----------------|-------------------------|------------|-------------------|----------------|---------------------------|------|--|--|--|---|--|
| Minimum travel of steel yard in career | Maximum 1 % of caposity | | Minimum 1 % of capacity | | 1/8 % each way | | Capacity of Machine | | Sensitive- ness when fully loaded | Greatest error allowed in excess or defcy, when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | Weight required to bring back the steel yard from position of greatest displace- ment when fully loaded | Greatest error allowed in excess of deficiency when fully loaded |
| | Lb. | Oz. | Lb. | Oz. | Lb. | Oz. | Cwt. o | Mds. | Ozs. | Ozs, | Ozs. | Ozs. | Ozs. |
| Vibrating machines | | 9 | | 41 | | $2\frac{1}{4}$ | 1 | 11 | 1 | 1 | 1 | 2 | 2 |
| 3/8 inch both ways. | 1 | 2 | | 9 | | 41 | 2 | 3 | 2 | 11 | 11 | 3 | 3 |
| | 1 | 11 | | 131 | | 6‡ | 3 | 4 | 1 | 2 | 2 | 4 | 4 |
| | 2 | 4 | 1 | 2 | | 9 | 4 | 6 | 11 | 21 | 21 | ,5 | 5 |
| | 2 | 13 | 1 | 61 | | 111 | 5 | 7 | 11 | 3 | 3 | 6 | 6 |
| Accelerating machines | 3 | 15 | I | 151 | | 153 | 7 | 10 | 2 | 4 | 4 | 8 | 8 |
| 5/8 inch one way. | 5 | 91 | 2 | 123 | 1 | 61 | 10 | 14 | 3 | 6 | 6 | 12 | 12 |
| | 6 | 111 | 3 | ŏ <u>₹</u> | 1 | 11 | 12 | 17 | 3 · 2/5 | 6 · 4/5 | 6 · 4/5 | 13 · 3/5 | 13.3/8 |
| | 8 | $6\frac{1}{2}$ | 4 | 31 | 2 | 11 | 15 | 21 | 4 | 8 | 8 | 16 | 16 |
| | 11 | 31 | 5 | 91 | 2 | 123 | 20 | 28 | 5 | 10 | 10 | 20 | 20 |
| | 16 | $12\frac{8}{4}$ | 8 | 61 | 4 | 31 | 30 | 41 | 61 | 13 | 13 | 26 | 26 |
| | 22 | 6^{1}_{8} | 31 | 3 <u>1</u> | 5 | 91 | 40 | 55 | 8 | 16 | 16 | 32 | 32 |
| | 28 | | 14 | | 7 | | 50 | 69 | 30 | 20 | 20 | 40 | 0 |

Inspection

| | | Vibrati | ng Machines | Accelerating Machines | Platform Machines Fitted with Dials Greatost error allowed in excess or deficiency when fully loaded | |
|----------------------|--------|---------------------------------|--|--|--|--|
| Capacity of machines | | Sensitiveness when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | | |
| Cwt. o | r mds. | o 2 9, | 029. | oze. | OZH. | |
| 1 | 11 | 11 | 2 | 2 | 4 | |
| 2 | 3 | 21 | 3 | 3 | 6 | |
| 3 | 4 | 3 | 4 | 4 | 8 | |
| 4 | 6 | 34 | 5 | 5 | 10 | |
| 5 | 7 | 41 | в | 6 | 12. | |
| 7 | 10 | 6 | 8 | 8 | 16 | |
| 18 | 14 | 9 | 12 | 12 | 24 | |
| 12 | 17 | 10.1/5 | 13 - 3/5 | 13 · 1/5 | 27 · 1/5 | |
| 15 | 21 | 12 | 16 | 16 | 32 | |
| 20 | 28 | 15 | 20 | 20 | 40 | |
| 30 | 41 | $19\frac{1}{2}$ | 26 | 26 | 52 | |
| 40 | 55 | 24 | 32 | 32 | 64 | |
| 50 | 65 | 30 | 40. | 40 | 80 | |

Table XXIII
Weigh-Bridge

(See Rule 133)

Verification

| | Range of t | palancing ar | rangements | Capacity of Machine | | Vibrating Machines | | Acceleration | Weight- bridges fitted with dials | | |
|--|------------------------------|------------------------------|-------------|---------------------|-------|--|--|---|---|--|------|
| Minimum travel of steel yard in career | Maximum 1% of capacity | Minimum ½% of capacity | per cent | | | Sensitive- ness when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | Weight required to bring back the steel yard from position of greatest displacement when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | |
| | lbs. | lbs. | lbs. | ton | or md | .8 | lbs. | lbs. | lbs. | lbs. | lbs. |
| Accelerating machines | 11.2 | 5.6 | 2 · 8 | 1 | 28 | 3 | 11 | 11 | 11/2 | 4 | 3 |
| ‡ inch in one way. | 22 · 4 | 11-2 | 5.6 | 2 | 50 | 5 | 2 | 2 | 2 | 5 | 4 |
| | 86 | 28 | 14 | 5 | 138 | 3 | 31 | 4 | 4. | 10 | 8 |
| | $^{\mathrm{Cwt.}}_{1}$ | 56 | 28 | 10 | 27 | 5 | 5 | 6 | 6 | 15 | 12 |
| | 2 | Cwt. | 56 | 20 | 550 |) | 7 | 10 | 10 | 25 | 20 |
| Vibrating machines 1 | 21 | 11 | 70 | 25 | 68 | 3 | 8 | 12 | 12 | 30 | 24 |
| inch both ways. | 3 | 11 | 84 | 30 | 82 | 5 | 81 | 13 1 | 13½ | 34 | 27 |
| | $3\frac{1}{2}$ | 14 | 98 | 3 5 | 96 | 3 | 9 | 15 | 15 | 37 | 30 |
| | 4 | 2 | Cwt. | 40 | 100 | 0 | 07 | 16 | 16 | 40 | 32 |
| | 5 | 21 | 11/2 | 50 | 137 | 5 | 10 | 18 | 18 | 45 | 36 |
| | 7点 | 34 | lbs. 210 | 75 | 206 | 3 | 12 | 23 | 23 | 58 | 40 |
| | 10 | 5 | 11 | 100 | 275 | 9 | 14 | 28 | 28 | 70 | 51 |
| | 20 | 10 | 5 | 200 | 550 |) | 18 | 42 | 42 | 105 | 84 |

Inspection

| | | Vibrating M | achines | Accelerating Machines | Weight Bridges fitted with dia | |
|----------|-------------|---------------------------------|--|--|--|--|
| Capacity | of machines | Sensitiveness when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | |
| tons | or Mds. | lbs. | lbs. | lbs. | lbs. | |
| 1 | 28 | 4 4 | 3 | 3 | 6 | |
| 2 | 55 | 6 | 4 | 4 | 8 | |
| 5 | 138 | 101 | 8 | 8 | 16 | |
| 10 | 275 | 15 | 12 | 12 | 24 | |
| 20 | 550 | 21 | 20 | 20 | 40 | |
| 25 | 688 | 24 | 24 | 24 | 48 | |
| 30 | 825 | 25⅓ | 27 | 27 | 54 | |
| 35 | 963 | 27 | 30 | 30 | 60 | |
| 40 | 1100 | 281 | 32 | 32 | 64 | |
| 50 | 1375 | 30 | 36 | 86 | 72 | |
| 75 | 2063 | 36 | 46 | 46 | 92 | |
| 100 | 2750 | 42 | 56 | 56 | 112 | |
| 200 | 5500 | 54 | 84 | 84 | 168 | |

Table XXIV
Crane Machines
(See Rule 133)

| | | Verifi | cation | | | | Inspec | tion | |
|---|---|--|--|---------------------------|-------------------|--|--|--|------------------------------|
| Range of balancing | Lever l | Lever Machines Crane machines fitted with dials Hydraulic crane machine Capacity | | Capacity of machine | Lever Machin | ines (Vibrat- g) | Crane machines fitted with dials | Hydraulic crane machines Greatest error allowed in excess or deficiency when fully loaded | |
| arrangement shall not exceed (2% of capacity) | Sensitive- ness when fully loaded Greatest error allowed in excess or deficiency when fully loaded | | Greatest error allowed in excess or deficiency when fully loaded Greatest error allowed in excess or deficiency when fully loaded | | | Sensitive- ness when fully loaded | Greatest error allowed in excess or deficiency when fully loaded | | |
| 2·24 lbs. | ½ Oz. | 1 Oz. | 2 Ozs. | One half the weight | 1 Cwt. or 1½ Mds. | 1½ Ozs. | 2 Ozs. | 4 Ozs. | A weight represented |
| 11.2 " | 1½ " | 3 ,, | 6 ,, | represented by the in- | 5 " 7 " | 41/2 ,, | 6 ,, | 12 ,, | by the in- terval bet- |
| 22.4 " | 3 " | 6 ,, | 12 " | terval bet- ween con- | 10 " 14 " | 9 ,, | 12 ,, | $1\frac{1}{2}$ lbs. | ween conse- cutive gradu- |
| 44.8 ,, | 1 lbs. | 1½ lbs. | 3 lbs. | secutive graduation | 1 ton or 28 ,, | 4½ lbs. | 3 lbs. | 6 " | ation marks. |
| 89.6 " | 2 ,, | 2 ,, | 4 ,, | marks. | 2 tons or 55 ,, | 6 ,, | 4 ,, | 8 ,, | |
| 2 Cwts. | 3½ ,, | 4 ,, | 8 ,, | | 5 ,, 138 ,, | 10½ ,, | 8 ,, | 16 " | |
| 4 ,, | 5 ,, | 6 ,, | 12 " | | 10 ,, 275 ,, | 15 ,, ` | 12 ,, | 24 ,, | |
| 8 " | 7 ,, | 10 ,, | 20 ,, | | 20 ,, 550 ,, | 21 ,, | 20 ,, | 40 " | |
| 10 ,, | 8 " | 12 " | 24 " | | 25 ,, 688 ,, | 24 ,, | 24 " | 48 " | |
| 12 ,, | 8½ " | 13½ " | 27 ,, | | 30 ,, 825 ,, | 25½ ,, | 27 ,, | 54 ,, | |
| 14 " | 9 " | 15 ,, | 30 " | | 35 ,, 963 ,, | 27 ,, | 30 ,, | 60 ,, | |
| 16 ,, | 9 1 ,, | 16 " | 32 " | | 40 ,, 1100 ,, | 28½ ,, | 32 ,, | 64 ,, | |
| 20 ,, | 10 ,, | 18 " | 36 " | | 50 ,, 1375 ,, | 30 ,, | 36 " | 72 ,, | |
| 30 " | 12 " | 23 ,, | 46 ,, | | 75 ,, 2063 ,, | 36 ,, | 46 ,, | 92 ,, | |
| 40 " | 14 " | 28 ,, | 56 " | _ | 100 ,, 2750 ,, | 42 ,, | 56 ,, | 112 ,, | |
| 50 " | 18 " | 42 " | 84 " | | 200 ,, 5500 ,, | 54 ,, | 84 " | 168 " | |

| TABLE | XXV |
|-------|-----|
| | |

Automatic Machines

(See Rule 133)

| Use | Capacity | Error | Remarks |
|---|---|--|--|
| Weighing small loads of tea, coffee, etc. | 1 oz. or 1/32 seer and upwards. | $\frac{1}{2}$ % of the load in excess only. | The allowances in in these cases are subject to the proviso that |
| Weighing grain etc. | 10 lbs. or 5 seers & upwards. | 1/4% of the load in excess or defi- ciency. | the error tolerat- |
| Weighing coal etc. | 100 lbs. or 50 seers and upwards. | 1/2% of the load in excess or defi- ciency. | half a minimum |
| "Totalising" machi- nes used for weighing coal, etc. | 10 Cwts. or 14 | 1/2% of the total load of 40 weigh- ings in excess or deficiency. | on the dial or |

TABLE XXVI Periods of Allowance (See Rule 68)

| 6 months | 2 years | | | (c) years |
|--------------------|------------------|----------|-------------|--------------|
| Manufacturer's and | dea- Weights and | measures | Weights and | measure |

Manufacturer's and dea- Weights and measures Weights and weighing instru- & weighing instruments in use for trade not weighing instruments. purposes.

Weights and measures & weighing instruments not mentioned in columns (a) & (b).

TABLE XXVII Permissible Abbreviations of Denominations (See Rule 71)

| (a) Weights (S | leers & 1 | Haund | ls) | (b) Weights (Avoird) | pois | 3) |
|----------------|-----------|--------------|-----------|----------------------|------|---------|
| Maunds | | • • | Md. | Hundred-weight | | Cwt. |
| Seers | | | Sr. | Pound | | lb. |
| Tola | | | To. | Ounce | | Oz. |
| Grain | | | gt. | Dram | | dr. |
| | | | • | Grain | | gr. |
| (c) Dry measu | res of Co | pacity | y | (d) Liquid measures | of C | |
| Seer | | | Dr. Sr. | Fluid Seer. | | · |
| Chattak | | | Chk. | Fluid Ounce | | Fl. Oz. |
| Adapoa | | | Adp. | Fluid Dram | | Fl Dr. |
| Adholi | | | Ali. | (e) Bullion and Rati | We | ights. |
| Payali | • • | • • | Pal. | Bullion Tola | | |
| Maund | • • | | Dr. Md. | Rati | | Rt. |
| (f) Apothecare | ies Weigi | hts. | | Val | | VI. |
| Ounce | • • | | Oz. Apoth | | | |
| 4 drachms | | | 3 iv. | (g) A pothecaries Me | asui | res. |
| 2 drachms | • • | • • | 3 ij. | Fluid Ounce | | Fl. Oz. |
| 1 drachms | • • | • • | 3 i. | Fluid Drachm | | Fl. dr. |
| 2 scruples | • • • • • | •• | 3 ij. | Minim | | M |
| 1½ scruples | | achm | | | | |
| l scruple | • • | • • | 3 i. | | | |
| ½ scruple | • • | | 3 fs. | | | |

TABLE XXVIII

Amount of error permissible in Secondary and Working Standards

(See Rule 132)

Denomination

Amount of error tolerated in excess. Half the amount tolerated in deficiency.

| | *************************************** | ··· | | | |
|-----------|---|--------|-----------------------|---|---|
| (1) Above | 1 | Maund | _ | 8 | grains |
| ,, | 3 | ,, and | not exceeding 1 maund | 6 | 22 |
| " | ŧ | " | Do. 1/2 ,, | 4 | • |

| Above | | | | | | | | | | | | | | | | | |
|--|--|------------------------------|-------------------------------------|---|---|--|--------------|-------------------------------|----------------------------|---|---|-------------------------------------|--|-----------------------------------|--|---|-----------------------------------|
|) , , , , , , , , , , , , , , , , , , , | 1/10 | 3 | , | | | 2 | | (8) Liquid | Meas | <i>ures</i> —-c | ontd. | | | | | | |
| 89 81 80 31 87 | 1 | | and not exceeding Do. | 1/4 1/8 2 | maund | 3 2 2 | grains | Above | 1/4 1/8 1/16 1/64 | seer | | | exceeding Do. Do. Do. | 1/2 1/4 1/8 1/16 | BOOT | 8 6 4 3 | grain |
| ## ** #? | | 500F | Do. Do. | 1 | seers seer | 1 | grain | Not | 6X000 | ding'1 | 64 | | D0. | 1/10 | ,, | 2 | " |
| 31 #7 | 1/8 | " | Do. Do. | 1/4 | ** | 0·5 0·3 | ** | (9) Liquid | | • | | 7) | | | | | |
| | 1/10 1/3: | Β,, | Do. Do. | 1/8 1/1 | , ,, | 0·2 0·1 | " | Above | 24 16 | gallor | and and | not | exceeding | 24 | gals. | 1,02 4 768 | grain |
| | 8 | tolas | Do. | | _ | 0.4 | ** | " | 8 | 1) | | | Do. | 16 | " | 512 | " |
| ** | 5 2 | ** | Do. Do. | 8 5 | tolas tolas | 0·2 0·1 | • • | " | 6 4 | ان <u>ـ</u> رو | | | Do. Do. | 8 6 | " | $\begin{array}{c} 256 \\ 192 \end{array}$ | " |
| ** | į | tola | Do. | 2 | tolas tola | 0·05 0·02 | ,, | 11 | $\frac{2}{1}$ | gallon | and | | Do. exceeding | 4 2 | ,, | 128 64 | ** |
| ** | † 1 | ** | Do. Do. | $\frac{1}{1/2}$ | rote: | 0.01 | | " | Half | gallon | | | Do. | 1 | gallon | 32 | ** |
| " | 1/8 1/10 | ,, | Do. Do. | 1/4 1/8 | ,, | 0.00 | | ,, | Quar Pint | t ,, | and : | not e not e | xceeding exceeding | half Quai | gallon rt. | 16 12 | ,, |
| !! | 1/64 | ۱ | Do. | $\tilde{\mathbf{i}}/\tilde{\mathbf{i}}$ | β ,, | 0.00 | 2 ,, | ,, | Gill | | and | | xceeding | Pint | | 8 | " |
| | | ding 1/6 | | | | 0.00 | 1 1, | | | ding G | | | | | | 4 | ** |
| (2) Bullion Above | n Tola 500 | weights. tolas | | | | 3 | grains | (10) Apoth Above | 20 | fl. oz. | | | | | | 12 | grains |
| ABOVE | ≥00 | tolas | and not exceeding | 500 | tolas | 2 | 11 | " | 5 | " | | | exceeding | 20 | fl. oz. | 8 | ,, |
| , | 00 50 | ,, | Do. Do. | 200 100 | " | $\frac{2}{1}$ | grain | " | $\frac{4}{2}$ | " | | | Do. Do. | 5 4 | " | 6 4 | " |
| - | 20 | " | Do. | 50 | ,, | ·5 ·3 | | ,, | 2 80 mi | fl.dra | | | Do, hm and not | 2 | ,, | 3 - 2 | " |
| , | 10 5 | 17 | Do. Do. | 20 10 | ** | $\cdot 2$ | ** | | chi | ns, | | | | | _ | . 2 | ,, |
| " | 2 | p | Do. Do. | 5 2 | - | $^{\cdot 1}_{\cdot 05}$ | " | " | 30 mi ohr | | nd not | exce | eding 60 m | inime | or 1 dra- | 1 | grain |
| " | $_{1/2}^{1}$ | tola | Do. | 1 | tola | $\cdot 02$ | 17 | \mathbf{Not} | | ding 30 | mini: | ms. | | | | 5 | grains |
| ** | $\frac{1/4}{1/8}$ | ,, | Do. Do. | $\frac{1/2}{1/4}$ | " | ·01 ·005 | " | (11) Liquor | Mea | sures. | | | | | | | |
| ,, | 1/16 | " | Do. | 1/8 | . ,, | -003 -002 | ** | Above | | | | | •• | | | 8 | grains |
| Not | 1/32 excee | $\frac{7}{\text{ding }1/32}$ | Do. ! tola | 1/16 | • | 001 | », | Peg an | | ngldr fpeg | н. ш | | •• | · · | | 4 3 | " |
| (3) Rati W | | | | | | | | (12) Length | └ | . • | | | | | | | |
| Above | | ratis | | | | -05 | grain | Above | 10 3 | feet | a | | | 10 £ | | $0 \cdot 1 \\ 0 \cdot 2$ | inch, |
| 11 | $\frac{48}{24}$ | ** | and not exceeding Do. | $\frac{72}{48}$ | ratis | $^{\cdot 02}$ | ,, | ,, | 1 | " | | | exceeding Do. | 3 feet | | 0.01 | " |
| ,, | 12 | " | Do. | 24 | ,, | -005 | ** | Not | 0 X 000 | ding 1 | inch | | | | | 0.003 | 1 ,, |
| ,, | 6 2 | ,, | Do. Do. | 12 6 | 17 | ·003 | " | | | | ~ | _ | | | | | |
| Not | | ding 2 ra | tis. | | | .001 | ,, | | | | | | LE XXIX | | | | |
| 4) Avoirdu | upois | Weights. | | | | _ | | Amount | of er | rror to | o be | tole | rated in otton Pie | selli | ng Grey | , Wh | ite or |
| | 56 28 | lbs. | and not exceeding | 56 | lbs. | 5 | grains | | | Con | | | Rule 13 | _ | ous | | |
| ,, | 14 | " | Do. | 28 | ,, | 3 | •• | 1 Who | 20 01 | olo io | | | | | of a six | ו מומי | ^- #b |
| ,,, | $\frac{2}{1}$ | " | Do. Do. | $rac{14}{2}$ | lbs. lbs. | 2_1 | grain | stamped | | | | | on the l | OHSIS | or a sm | igie i | engu |
| ,, | 8 2 | ozs. | Do. Do. | $\frac{1}{8}$ | lb, ozs, | $0.5 \\ 0.2$ | ,, | | | | | | | | | | |
| " | 8 | drams | Do. | 2 | | $0 \cdot 1$ | , | | | | | | | | | d lengt be less | th mus |
| • | 1 | dram ,, | $\mathbf{D}_{0}.$ $\mathbf{D}_{0}.$ | 8 1 | dram: dram | 0.05 | , | | Desor | ibed le | ngth o | of the | e piece | | $_{ m the}$ | doser | ribod |
|) Grain H | - | | | | | | | | | | | | | | | n by the foll | more lowing |
| Above 1 | 1,000 | grains | | | | $0\cdot 2$ | grain | | | | | | | | | argins | ٠ |
| " | 240 40 | ,, 8 ,, | and not exceeding Do. | $\frac{1000}{240}$ | grains | $\begin{array}{c} 0\cdot 1 \\ 0\cdot 05 \end{array}$ | " | Ten yards a | | | | | — | | 4 | | ches |
| ,, (| 5 | ** | Do. | 40 | " | 0.02 | ,, | Above 10 a., 23 | nd up and | ito 23 y upto 36 | ards Lvards | 8 | | | 5 7 | in | ohes |
| • | 3 1 | grain | Do. Do. | $\frac{5}{3}$ | " | 0·01 0·005 | ,, ,, | ,, 36 | and : | upto 47 | yard: | 8 | | | 9 | | " |
| ,, (| 0 · 3 0 · 05 | ັ ,, | Do. Do. | $\frac{1}{0 \cdot 3}$ | grain | $0.003 \\ 0.001$ | | ,, 47 | yard | B | •• | | | · | 18 | | <i>"</i> |
| | | ing 0.05 | | • • | ,, | 0.000 |)3 grain | | | | | | e than o | | | | |
|) Apothece | aries I | Veights. | | | | | | same per question | | | | | | | | | |
| Above 2 | 2 | ozs. | | | | | grain | | | | | | | | | | |
| ,,, | | rachm a acruples | nd not exceeding Do. | | ozs. drachm | 0.1 | " | 2. Whe | | | | | of cloth stampe | | | | |
| ,, ē | 5 | grains | Do. | 2 5 | scruples grains | $0.02 \\ 0.01$ | ** | described | l ma | ximu | m le: | ngth | n :— | ٠, ٥ | ,11 UIIC | Ç461 | .5 02 |
| ,, 1 | | rain | Do. Do. | 3 | Atems | 0.005 | . | | | | | | | | | | |
| | | ing 1 gra | in | | | 0.003 | 3 ,, | | | | | | | | | l lengt] be less | h must than |
|) Dry Me | | | | | | 770 | anoina | $\mathbf{D}\epsilon$ | escrib | ed leng | th of p | piece | (Maximum | 1) | the de | soribec | d max. |
| A | $\frac{2}{1}$ | maunds maund | and not exceeding | 2 | maunds | 520 | grain s | | | | | | | | | th by r the foll | |
| 71 | 1 | ** | Do. Do. | l 1 | maund maund | $\frac{260}{130}$ | " | | | | | | | | | margi | |
| | 1/8 | " | Do, | 1/4 | maunu | 65 | " | 98 | | do- | | | | | 9 | | inch |
| ** | $\frac{1}{1}/16$ | ,, seers | Do. Do. | 1/8 4 | ,, Beers | $\frac{32}{28}$ | " | 35 yards ar Above 35 y | ards : | and up | to 47 | yardı | 5 | • • | 18 | 1 | inches |
| ,, | | scers scer | Do. | 2 | ,, | 14 | " | Above 47 | | | ••• | | | •• | 36 | | " |
| ** | 1 | ,, | Do. Do. | $\frac{1}{1/2}$ | 800T | $\frac{12}{8}$ | " | | | | | | | | | | |
| *) *) *) *) | <u>1</u> | | | 1/4 | " | 6 | ,, | | | | | | e piece o | | | | |
| *) *) *) *) *) *) *) *) *) *) | 1/4 1/8 | " | \mathbf{Do}_{i} | | | 4 | " | be effect | | n the | DOOL | o At | ************************************** | | | CONTRA | 3 1T 11 |
| 1) 2) 2) 2) 2) 4) | 1/4 1/8 1/16 | ** | | $\frac{1/8}{1/16}$ | ,,, | 3 | ,, | ig more f | than | | | | | ııı sı | amped l | engu | 1 11 1 |
| 1) 2) 2) 2) 2) 4) 4) 4) 4) | 1/4 1/8 1/16 1/16 |)) | Do. Do. Do. | 1/8 | | $\frac{3}{2}$ | " | is more t | | the a | ctual | ler | igth: | | | | |
| " " " " " " " " Not | 1/4 1/8 1/16 1/64 exoco | ing 1/64 | Do. Do. Do. | 1/8 | | 2 | ,, | Provid | ed f | the a urthei | ctual r tha | l len t wl | ngth : hen more | e tha: | n one pi | iece i | s solo |
| ", ", ", ", Not 8) <i>Liquid</i> Above | 1/4 1/8 1/16 1/64 exceed Meas | ling 1/84 ures. seers | Do, Do, Do, Beer, | 1/8 1/16 | •• | 100 | ,, grains | Provid to the s maximum | ed fr ame m le | the a urther perso ength | ctual r tha n at or s | l len t wl a t stam | ngth: hen more time on nped mir | e than the l | n one pi basis of m lengt | iece i f sta h or | s solo ampeo both |
| ", ", ", ", ", Not 8) <i>Liquid</i> Above | 1/4 1/8 1/16 1/64 exoces | ling 1/64 ures. seers | Do. Do. Do. | 1/8 | | 2 | ,, | Provid to the s | ed frame m le | the a urther perso ngth lengt | ctual r tha on at or s h of | l len t wl a t stam the | ngth: hen more time on nped min e goods: | e than the l nimum in qu | n one pi basis of m lengt restion s | iece i f sta h or suppli | s solo ampeo both ied to |

TABLE XXIX-contd.

| 3. Where | sale | is | effected | on | the | basis | \mathbf{of} | stamped |
|----------|------|----|----------|----|-----|-------|---------------|---------|
| width: | | | | | | | | |

| Width of the piece | | no the wid | ual width must t be less than described lth by more n the following margins. |
|---|----|------------------|--|
| 40 inches and under Over 40 inches and under 59 inches 59 inches and over | •• | 1/2 3/4 1 | |

Provided that when more than one piece is sold to the same person at a time the average width of goods sold shall not be less than the stamped width.

TABLE XXX

(See Rule 135)

Charges to be levied for verifying and stamping weights and measures of the public

| | Weights | | | | |
|------------------|--------------------------------|--------|---------------------|--------------------------------------|------------|
| Capa | | Charge | e | Capacity | Charge |
| - · L | Tola Weights | Anna | | Avoirdupois weight | • |
| 37.1 | | 1 | | _ • | , ,,,,,,,, |
| 1/32 | nd Rati Weights each Tola each | 3 | 1/8 | in weights each dram weights each | ··· 1 |
| 1/16 | | 3 | 1/4 | Do. | 1 |
| 1/8 | 17 | 3 | 1/2 | Do. | I |
| 1/4 | ,, ,, | 3 | ı | Do. | 1 |
| 1/2 | 17 27 | 3 | 1/8 | ounce weights each | 2 |
| 1 | " " | 3 | 1/4 | Do. | 2 |
| 2 | 11 11 | 3 | 1/2 | Do. | 2 |
| 3 | 11 21 | 3 | 1 | Do. | 2 |
| 4 | ,, ,, | 3 | 2 | Do. | 2 |
| -5 | " | 3 | 4 | Do. | 2 |
| 8 | ,, 11 | 3 | 8 | Do. | 2 |
| 10 | ** | 3 | 1 | lb. weights each | 2 |
| 20 | 199 | 3 | 2 | Do. | 7 |
| 30 | ** ** | 3 | 4 | ,, Do. | 7 |
| 50 | *))) | 3 | 7 | Do. | 7 |
| 100 | >> 22 | 9 | 14 | Do. | 7 |
| | | | 28 | Do. | 7 |
| | | | 56 | Do. | 7 |
| | Seer and Maund weigh | | | | |
| 1/32 | seer weights each | 2 | | | |
| 1/16 | Do. | 2 | | 4 4 | |
| 1/8 | Do. | 2 | 1.10 | Apothecaries Weight. | |
| 1/4 | Do. | 2 | 1/2 | soruple weights each | |
| 1/2 | Do. | 2 | 1 | Do. | 1 |
| 1 | Do. | 7 7 | 2 1/1 <i>a</i> . | Do. | 1 |
| 2 | geers weights each Do. | 7 | | ounce (Apoth) weights o | |
| 4 8 | Do. | 7 | 1/8 = 1/4 | Do. | 3 |
| $\frac{8}{1/32}$ | maund weights each | 7 | 1/4 $1/2$ | Do. Do. | 3 |
| 1/16 | Do. | 7 | 1 | Do. | 3 |
| 1/8 | Do. | 7 | 2 | Do. | 3 3 |
| 1/4 | Do. | 7 | 4 | Do. | 3 |
| 1/2 | Do. | 7 | 6 | Do. | 3 |
| • | Do. | 7 | 8 | Do. | 3 |
| 1 | 100. | • | 10 | Do. | 3 |
| | Dry Measures | Annas | 10 | 20, | J |
| 1/32 | seers measures each | 2 | | Liquid Measures | Annas |
| 1/16 | Dø. | 2 | 1/64 | seer measures each | 2 |
| 1/8 | Do. | 2 | 1/32 | Do. | 2 |
| 1/4 | Do. | 2 | 1/16 | Do. | 2 |
| 1/2 | Do. | 2 | 1/8 | Do. | 2 |
| ĺ | Do. | 7 | 1/4 | Do. | 2 |
| 2 | Do. | 7 | 1/2 | Do. | 2 |
| 4 | Do. | | i | Do. | 7 |
| 8 | Do. | 9 | 2 | Scers measures each | 7 |
| 1/8 | maund weights each | 9 | 4 | Do. | 7 |
| 1/4 | Do. | 9 | 8 | Do | 9 |
| 1/2 | Do, | 9 | 10 | Do. | 9 |
| -0 / 4 | Do. | 9 . | 20 | Do. | 9 |
| 3/4 | | | | | |
| 3/4 1 | Do. | 9 ; | 30 | Do. | 9 |

TABLE XXX-contd.

| | Liquid measures | Annas | | | | |
|--|---|---|-------------------------------------|---------------|--------------|--|
| 1/4 liq | uor dram measures ea | oh I | $A p_0$ | thecaries . | Меави | res. Annas |
| 1/2 | Do. | I | _ | linim to a | | |
| 1 | Do. | 8 | | 89 min | | 1 |
| 2 | Do. | 3 | A | bove 1/2 | fl. dra | chm and |
| 4 | Do. | 3 | | including | | |
| 8 | Do. | 3 | A | bove 1/2 | fl. oz. | and |
| Peg me | asures, each | 3 | | including | 40 fl. | oz. 3 |
| | Capacity | | | | | Charge |
| | Gallon M | easures. | | | | Annas |
| Pint me | esures each | | •. | | | 8 |
| ** * | _ | T (0 TT | | | | 3 |
| Each m | easures not exceeding | 1/2 gauo | ., 120 | | | ø |
| | easures not exceeding easures not exceeding | . – | | ve 1/2 ga | ilon | <i>o</i> 8 |
| Each m | easures not exceeding easures not exceeding easures above 8 gallon | 8 gallons | and abo | | | - |
| Each m Each me When tl | easures not exceeding | 8 gallons a and no | and abo t exceedi | ng 25 gall | ons | 8 |
| Each m Each me When tl | easures not exceeding easures above 8 gallon he capacity exceeds 25 | 8 gallons s and no gallons | and abo t exceedi | ng 25 gall | ons | 3 1 Rupee |
| Each m Each me When the gall | easures not exceeding easures above 8 gallon he capacity exceeds 25 lons or part thereof. | 8 gallons s and no gallons | and abo t exceedi | ng 25 gall | ons | 3 1 Rupee |
| Each m Each me When the gall Each me | easures not exceeding easures above 8 gallon he capacity exceeds 25 lons or part thereof. . Measures of | 8 gallons s and no s gallons length. | and abo t exceeding then each | ng 25 gall | ons | 8 1 Rupee 1 " |
| Each m Each me When the gall Each me | easures not exceeding easures above 8 gallon he capacity exceeds 25 lons or part thereof. . Measures of easure below 3 feet | 8 gallons s and no s gallons length. | and abo t exceeding then each | ng 25 gall | ons al 25 | 3 1 Rupes 1 ,, |
| Each m Each me When the gall Each me | easures not exceeding easures above 8 gallon he capacity exceeds 25 lons or part thereof. . Measures of easure below 3 feet casure of 3 feet or a ye easure above 25 feet | 8 gallons s and no s gallons length. | and abo | ng 25 gall | ons al 25 | 3 1 Rupee 1 ,, 2 Annas 7 ,, |
| Each m Each me When t gall Each me Each me | easures not exceeding eaanres above 8 gallon he capacity exceeds 25 lons or part thereof. . Measures of easure below 3 feet casure of 3 feet or a y- easure above 25 feet Area an | 8 gallons s and no s gallons length ard not e | and abo | ng 25 gall | ons al 25 | 3 1 Rupee 1 ,, 2 Annas 7 ,, 1 Rupee. |
| Each m Each me When the gall Each me Each me Each me | easures not exceeding easures above 8 gallon he capacity exceeds 25 lons or part thereof. . Measures of easure below 3 feet casure of 3 feet or a ye easure above 25 feet | 8 gallons s and no s gallons length ard not e | and abo | ng 25 gall | ons al 25 | 3 1 Rupee 1 ,, 2 Annas 7 ,, 1 Rupee. Annas |
| Each m Each me When t gall Each me Each me | easures not exceeding easures above 8 gallon he capacity exceeds 25 lons or part thereof. . Measures of easure below 3 feet casure of 3 feet or a y- easure above 25 feet Area an | 8 gallons s and no s gallons length ard not e | and abo | ng 25 gall | ons al 25 | 3 1 Rupee 1 ,, 2 Annas 7 ,, 1 Rupee. Annas 3 |

TABLE XXXI

Fees for Varifying and Stamping Weighing Instruments
(See Rule 136)

Weighing Instrument other than Beam-scales of Classes
C and D

| Capacity | | | | Charge | | | |
|---|---------|-----------|--------|------------|----|----|--|
| | | | | Rs. | ٨. | P, | |
| Above 25 tons and not exceeding 50 tons | | | | 40 | 0 | 0 | |
| When the capacity exceeds 50 tons, ther tons or part of 25 tons | each] a | dditional | 25 | 10 | 0 | 0 | |
| Above 10 tons and not exceeding 25 tons | | • • | | 3 0 | 0 | 0 | |
| Above 5 tons and not exceeding 10 tons | | | | 20 | 0 | 0 | |
| Above 1 ton and not exceeding 5 tons | | | ٠. | 15 | 0 | 0 | |
| Above 5 Cwts, and not exceeding 1 ton | | | ٠. | 7 | 8 | 0 | |
| Above I Cwt. and not exceeding 5 Cwts. | | | ٠. | 5 | 0 | 0 | |
| Above 56 lbs. and not exceeding 1 Cwt. | | | | 3 | 0 | 0 | |
| Above 14 lbs. and not exceeding 56 lbs. | | | | 2 | 0 | 0 | |
| Above 1 lb. and not exceeding 14 lbs. | | | | 1 | 8 | 0 | |
| Not exceeding 1 lb | | •• | • • | 1 | 0 | 0 | |

Charges for weighing instruments with graduations marked for seer and maund weights will be on the basis of the above fees, one ton for this purpose being taken as equivalent to 28 maunds.

- Note.—1. Where a weighing instrument has 2 sets of graduations, one marked for seers and maunds and the other for lbs. and cwts. to separate fees are payable.
 - Where 2 weigh-tables or platforms are connected to one steel yard or office mechanism, two separate fees in accordance with the capacity of the respective weigh tables or platforms are payable.

Beam-scales of Classes C and D

| Capacity | | | Charge | |
|---|--|------|--------|------|
| | | | Rs. | . P. |
| Above 1 ton | | | 15 (| 0 |
| Above 5 Cwts and not exceeding 1 ton | | | 6 (| 0 (|
| Above 1 Cwt. and not exceeding 5 Cwts. | | | 4 (| 0 (|
| Above 56 lbs. and not exceeding 1 Cwt. | | | 2 4 | . 0 |
| Above 14 lbs. and not exceeding 56 lbs. | | | 1 8 | 0 |
| Above 1 lb. and not exceeding 14 lbs. | | | 1 (| 0 |
| Not exceeding 1 lb | | | 0 12 | 0 |

Home and Services Department

Ajmer, the 15th December 1954

No. P(1-a)/11/53-H&S—On reversion from the Government Railway Police, Shri Trilochan Singh assumed charge of the post of Deputy Superintendent of Police, Ajmer (Kekri Circle) with effect from the afternoon of the 19th October 1954 vice Shri J. S. Narula.

By order of the Chief Commissioner

ASOKA SEN
I.A.S.
Chief Secretary

Public Works and Excise Department Ajmer, the 17th December 1954

No. E(1)/10/54-PWE—In exercise of the powers conferred by sub-section (1) of section 13 and section 15 of the Ajmer Motor Vehicles Taxation Act, 1953 (Act V of 1953), the Chief Commissioner, Ajmer hereby directs that the following further amendment shall be made in the Ajmer Motor Vehicles Taxation Rules 1954, namely:—

In the said Rules, in rule 8, for clause (i), the following shall be substituted, namely:

"(i) Motor Vehicles owned and kept for use by De-

"(i) Motor Vehicles owned and kept for use by Departments of the Union or the State Government—Total exemption."

By order
P. C. MUKHERJEE
Secretary